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ROSS SEEDS

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U. S. Department of Agriculture



1941 Annual Catalog

Farm Machinery, Poultry Supplies,
Insecticides, Fertilizers and Tools

ROSS BROTHERS CO.
WORCESTER, MASS.

Ross' Lawn Seed

The Kind That Builds Heavy, Velvety, Weed-Free Lawns

Sow during spring or autumn. Avoid hot weather.

PERFECT Lawns Within Reach of All. All of Ross' Celebrated Lawn Grass Seeds are particularly suited to the New England conditions. When properly used, they produce thick velvety lawns of the finest type in a few weeks.

Worcester Lawn Seed

seed can be made.
10 lbs., \$4.25; 100

The Worcester Lawn Seed is our own mixture made from a formula which has been given a great deal of careful study and we are positive that no better general purpose lawn seed can be made. **Price: Lb., 50c; 2 lbs., \$1.00; 5 lbs., \$2.25; 10 lbs., \$4.25; 100 lbs., \$40.00.**

Green Hill Lawn Seed

60c; 5 lbs., \$2.75; 10 lbs., \$5.25; 100 lbs., \$50.00.

This is composed of only four varieties of grasses as follows: Creeping Bent, Rye Grass, Kentucky Blue and Red Top. These are four of the best lawn grasses known. **Price: Lb., 60c; 5 lbs., \$2.75; 10 lbs., \$5.25; 100 lbs., \$50.00.**

Truegreen Lawn Seed

10 lbs., \$5.25; 100 lbs., \$50.00.

This is a mixture of three of the best so-called lawn grasses and is adapted to almost any ordinary situation. **Price: Lb., 35c; 5 lbs., \$1.60; 10 lbs., \$3.00; 100 lbs., \$28.00.**

Shady Spot Lawn Seed

10 lbs., \$5.25; 100 lbs., \$50.00.

It is possible to produce a lawn under almost any condition but to do this in a situation where shade predominates the greater part of the time is very difficult. A shady location requires special treatment of the soil and in almost every shady spot lime must be added, but most important is the selection of the seed. **Lb., 65c; 5 lbs., \$3.00; 10 lbs., \$5.50; 100 lbs., \$50.00.**

Worcester, Mass., is noted all over the country for its fine lawns. We point with pride to the fact that our grass seeds have played an important part in making these splendid grass-plots.

Golf Course Mixtures

For Putting Greens and Fair Greens

Both the fairways and greens require a mixture of seed which will bear very close cutting and which will produce a turf of a strong, persistent nature.

We offer mixtures which are of the highest purity and germination.

MIXTURE FOR PUTTING GREENS. Lb., 70c; 5 lbs., \$3.25; 10 lbs., \$6.25; 100 lbs., \$60.00.

MIXTURE FOR FAIRWAYS. Lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.25; 100 lbs., \$40.00.

Cemetery Mixture

This is especially adapted to light gravelly or sandy soil. **Price: Lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.25; 100 lbs., \$40.00.**

Bank and Terrace Mixture

10 lbs., \$5.25; 100 lbs., \$50.00.

It is mixed from grasses which naturally grow a strong, creeping root and are very valuable in holding the soil in place, preventing serious washouts during heavy rains. The seed starts quickly. **Price: Lb., 55c; 2 lbs., \$1.10; 5 lbs., \$2.65; 10 lbs., \$5.00; 100 lbs., \$45.00.**

Special Mixtures of Grass Seed

In addition to the several mixtures of grass seeds which we list in this catalog, we can supply grass seed in mixtures suitable for almost any purpose or location. We will also be pleased to name prices on any special formula on request.

High Germination

Tested Purity

Approved Formulas



DIRECTIONS FOR ORDERING

PLEASE USE OUR ORDER SHEET. It will be a help to us in filling your order correctly. If you desire to write us, use a separate sheet of paper. Be sure to give your full name and address on all orders and letters.

KEEP A COPY OF YOUR ORDER. Sometimes customers complain of not receiving goods which were not ordered. If goods ordered do not reach you in a reasonable time, advise us and send us a copy of your order.

HOW TO SEND MONEY. Remittances can be sent safely by Post Office Money Order, Bank Draft, Express Money Order, Check or by Registered Letter. We do accept stamps for small amounts.

Do not send coins loose in an envelope as they may break through. If bills are sent, your letter should be registered.

ORDER EARLY—We endeavor to fill all orders as soon as received, but during the rush season of April and May, delays are sometimes unavoidable. This, however, can be partly overcome if our patrons will send us their orders early.

FREE DELIVERY—All Vegetables Seeds, Flower Seeds and Bulbs offered in this catalogue will be delivered **transportation paid** in the United States at prices listed. In making this Free Delivery offer we reserve the right to ship goods by Parcel Post, Express or Freight. Other items of seeds and other merchandise will be sent transportation collect unless otherwise noted in this catalogue.

GRASS AND FIELD SEEDS—All Grass and Field Seeds, Onion Sets and Potatoes are shipped only at purchaser's expense by express or freight, as ordered. Prices quoted in this catalogue are F.O.B. Worcester. Small quantities of Grass or Field Seeds sent by Parcel Post if postage is added at parcel post rates.

NOTICE—While it is not our custom to substitute, we feel that in the event of our being sold out of any variety it would be to the advantage of our patrons to allow us this privilege, for, if on receipt of any substitute it is not perfectly satisfactory, the same may be returned and money paid will be refunded.

Telegraph your order with Western Union Money Transfer and goods will be shipped same day order is received.

Add Postage to your order as indicated below—
if required.

See Free Delivery on other side.

Weight		ZONES							
Lbs.	Local	1st-2d	3d	4th	5th	6th	7th	8th	
1....	\$0.07	\$0.08	\$0.09	\$0.10	\$0.11	\$0.12	\$0.14	\$0.15	
2....	.08	.10	.11	.14	.17	.19	.23	.26	
3....	.08	.11	.13	.17	.22	.26	.32	.37	
4....	.09	.12	.15	.21	.27	.33	.41	.48	
5....	.09	.13	.17	.24	.33	.40	.50	.59	
6....	.10	.14	.19	.28	.38	.47	.59	.70	
7....	.10	.15	.21	.31	.43	.54	.68	.81	
8....	.11	.16	.23	.35	.49	.61	.77	.92	
9....	.11	.17	.25	.38	.54	.68	.86	1.03	
10....	.12	.18	.27	.42	.59	.75	.95	1.14	
11....	.12	.19	.29	.45	.64	.82	1.04	1.25	
12....	.13	.21	.31	.49	.70	.89	1.13	1.36	
13....	.13	.22	.33	.52	.75	.96	1.22	1.47	
14....	.14	.23	.35	.56	.80	1.03	1.31	1.58	
15....	.14	.24	.37	.59	.86	1.10	1.40	1.69	
16....	.15	.25	.39	.63	.91	1.17	1.49	1.80	
17....	.15	.26	.41	.66	.96	1.24	1.58	1.91	
18....	.16	.27	.43	.70	1.02	1.31	1.67	2.02	
19....	.16	.28	.45	.73	1.07	1.38	1.76	2.13	
20....	.17	.29	.47	.77	1.12	1.45	1.85	2.24	
21....	.17	.30	.49	.80	1.17	1.52	1.94	2.35	
22....	.18	.32	.51	.84	1.23	1.59	2.03	2.46	
23....	.18	.33	.53	.87	1.28	1.66	2.12	2.57	
24....	.19	.34	.55	.91	1.33	1.73	2.21	2.68	
25....	.19	.35	.57	.94	1.39	1.80	2.30	2.79	
26....	.20	.36	.59	.98	1.44	1.87	2.39	2.90	
27....	.20	.37	.61	1.01	1.49	1.94	2.48	3.01	
28....	.21	.38	.63	1.05	1.55	2.01	2.57	3.12	
29....	.21	.39	.65	1.08	1.60	2.08	2.66	3.23	
30....	.22	.40	.67	1.12	1.65	2.15	2.75	3.34	
31....	.22	.41	.69	1.15	1.70	2.22	2.84	3.45	
32....	.23	.43	.71	1.19	1.76	2.29	2.93	3.56	
33....	.23	.44	.73	1.22	1.81	2.36	3.02	3.67	
34....	.24	.45	.75	1.26	1.86	2.43	3.11	3.78	
35....	.24	.46	.77	1.29	1.92	2.50	3.20	3.89	
36....	.25	.47	.79	1.33	1.97	2.57	3.29	4.00	
37....	.25	.48	.81	1.36	2.02	2.64	3.38	4.11	
38....	.26	.49	.83	1.40	2.08	2.71	3.47	4.22	
39....	.26	.50	.85	1.43	2.13	2.78	3.56	4.33	
40....	.27	.51	.87	1.47	2.18	2.85	3.65	4.44	

ERRORS—We use the utmost care in filling orders, yet in the press of business, errors sometimes occur in which event we wish to be promptly notified of the fact and will make such corrections as will be satisfactory.

Most of the failures with seeds, plants and bulbs are due to causes entirely beyond our control such as unfavorable weather or soil conditions, too deep or too shallow planting, which renders it impossible for us to guarantee success, and although we take all possible care to supply only such goods as will under proper condition, produce satisfactory results,—The Ross Bros. Company gives no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants it sells and will not be responsible for the crop.

ROSS BROS. CO.

Ross' Lawn and Agricultural Grasses

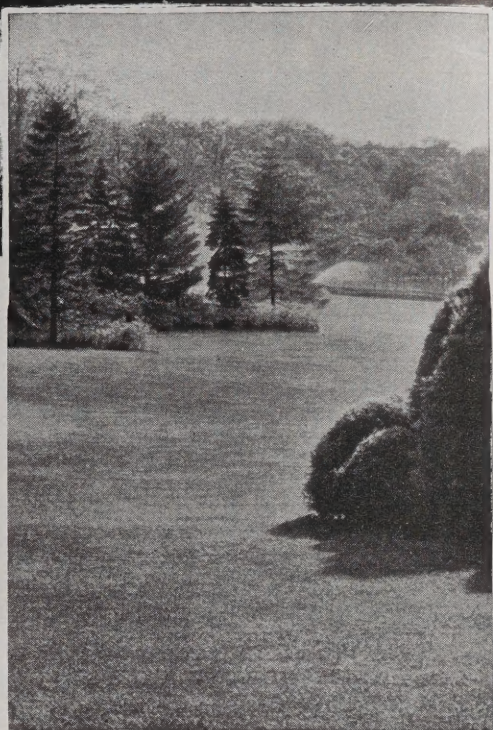
Prices of all Grass Seeds subject to market changes. Prices include bags or sacks unless otherwise noted, 25 lbs. at 100-lb. price.

Bent Grass, Mixed Sometimes referred to as Creeping Bent. Admirably adapted for lawns, also putting greens, tennis courts, etc. Lb., \$2.00; 5 lbs., \$8.75.

Astoria Bent (Botanically the same as Rhode Island or Colonial Bent). Of fine growth, forming a close and permanent sod. One of the best lawn grasses and very desirable for golf courses and polo grounds. Lb., \$1.25; 5 lbs., \$5.50.

English or Perennial Rye Grass (*Lolium perenne*). Of rapid growth and productive; produces a strong growth in 4 to 5 weeks. Lb., 25c; 10 lbs., \$2.25.

Italian Rye Grass (*Lolium italicum*). Thrives on a variety of soils, producing early and large crops. Lb., 25c; 10 lbs., \$2.25.



Consult Us on All Lawn Problems

Kentucky Blue Grass (*Poa pratensis*). One of the most valuable grasses for pasture and lawn, requires some time to become established, but lasts indefinitely on congenial soils. Sown with white clover, it forms a splendid lawn. Lb., 35c; 10 lbs., \$3.00; 100 lbs., \$28.00.

Meadow Fescue (*Festuca pratensis*). Largely used for permanent mowing mixtures. Lb., 40c; 10 lbs., \$3.50.

Reed Canary Grass A tall growing water grass, thriving in brooks, ditches, ponds, and marshy tracts of land. It is of good nutritive value. Lb., 40c; 10 lbs. or over, 35c per lb.

Red, or Chewings' Fescue (*Festuca rubra*). Its leaves are bright green and the plant does not grow in tufts but creeps by underground stems, so that one plant may eventually cover a circle 2 to 4 feet in diameter. It is used mainly as a lawn plant. On sandy or gravelly soil it makes exquisite lawns. Lb., 90c; 10 lbs., \$7.50.

Rough Stalked Meadow (*Poa trivialis*). Ideal for shade. It is a perennial and grows in soil that is moist and cool. Lb., 80c; 10 lbs., \$7.50.

Canadian Blue Grass (*Poa compressa*). A hardy perennial with creeping root-stalks which form a strong turf. Lb., 40c; 10 lbs., \$3.50.

Domestic Rye Grass Used extensively in lawn mixtures. Lb., 20c; 10 lbs., \$1.75.

Red Top, Fancy Recleaned This is one of the best grasses for sowing for immediate effect. Lb., 20c; 10 lbs., \$1.50; 100 lbs., \$13.50.

Red Top Superfine, 98 per cent pure. Lb., 25c; 10 lbs., \$2.00; 100 lbs., \$16.00.

Orchard Grass (*Dactylis glomerata*). For early pasturing this is very desirable; also fine for sowing in shaded places. Lb., 40c; 10 lbs., \$3.50.

Worcester Grade Timothy Our Worcester Grade is a seed which is of the highest quality at the start. Taken from the best fields of full ripe seed, we can assure you, that after going through the cleaning process we can guarantee a purity of 99.50 per cent. Lb., 12c; 10 lbs., 75c; 100 lbs., \$7.00.



Alsike Clover

Ross' Lawn and Agricultural Grasses

CLOVER — Ross' Superior

Natural Soil Improvers—Unexcelled for Stock Feeding



Sweet Clover

The Greatest Soil Renovator, Hay and Pasture Crop

BOKHARA OR SWEET CLOVER (*Melilotus alba*). A native of all parts of the United States and Canada. It is an erect branching biennial plant with woody stems growing the first season 2 to 3 feet high and developing a large root. The second year's growth usually reaches a height of 4 to 7 feet. Lb., 20c; 10 lbs., \$1.30; 100 lbs., \$12.00.

HAY AND PERMANENT PASTURE

The Worcester Special Mixtures of Grass Seed produces wonderful hay crops and pasture, maintaining its cropping qualities for years.

PERMANENT PASTURE MIXTURE FOR MEDIUM SOIL. Aside from permanency, an important requisite is that of continual growth from early spring until fall, and as many varieties as possible should be used which bear constant tramping and continued close grazing. This mixture is prepared with these ends in view. Contains Ladino and White Dutch clovers. 30 pounds to the acre. Lb., 45c; 10 lbs., \$4.10; 100 lbs., \$38.00.

PERMANENT MOWING MIXTURE FOR MEDIUM SOIL. This mixture will produce at first cutting a larger crop and a much heavier aftermath of hay, which, though not like timothy, salable in cities for feeding horses, is, nevertheless, superior for feeding to both cattle and horses. Contains clover. 30 lbs. to the acre. Lb., 40c; 10 lbs., \$3.50; 100 lbs., \$32.00.

No. 1 GRASS SEED MIXTURE. For seeding down use 25 lbs. to the acre. Contains Timothy, Red Top, Medium Red Clover, and Alsike Clover. All domestic seed. Lb., 20c; 10 lbs., \$1.60; 100 lbs., \$14.00.

ALSIKE OR SWEDISH CLOVER (*Trifolium hybridum*). One of the best for mixing with timothy; it is perfectly hardy in every climate or soil condition and seldom has to be re-seeded. Lb., 30c; 10 lbs., \$2.10; 100 lbs., \$19.25.

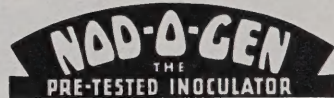
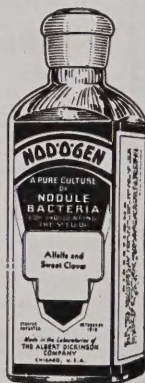
CRIMSON CLOVER (*Trifolium incarnatum*). This is used principally for soiling or green manuring, for which purposes it is highly valuable. If desired for feed, cut it just before it flowers. Lb., 25c; 10 lbs., \$2.25; 100 lbs., \$20.00.

LADINO CLOVER FOR LOW WET SOILS. It is an ideal pasture plant for cattle, sheep, hogs, etc. Should be sown in early spring or September, using Oats, Timothy or Rye Grass, as a nurse crop. We recommend about 4 lbs. of Ladino clover per acre. Price, 95c per lb.

MAMMOTH RED CLOVER (*Trifolium pratense perenne*). Sometimes called Sapling or Pea Vine Clover and English Cow Grass. This differs from the "Medium," being of a ranker growth and yielding more fodder per acre. Lb., 30c; 10 lbs., \$2.25; 100 lbs., \$20.50.

MEDIUM RED CLOVER, AMERICAN GROWN (*Trifolium pratense*). More widely known and used than any other; used principally for hay purposes. Height from 18 inches to 2½ feet. Sow early in the spring or in the late summer. Lb., 30c; 10 lbs., \$2.10; 100 lbs., \$19.25.

WHITE DUTCH OR LAWN CLOVER (*Trifolium repens*). This is valuable for pasturage as well as for lawns; it succeeds where other clovers and grasses fail, and it seldom dies out. It can be sown at all seasons, although early spring is best. ¼ lb., 25c; ½ lb., 45c; 1 lb., 80c; 10 lbs. or over, 78c per lb.



Nod-O-Gen is a high quality jelly or humus culture of nitrogen-gathering bacteria containing all the essentials for healthy bacterial growth. Nod-O-Gen causes nodules to develop on the roots of legume crops. These nodules gather nitrogen from the air and convert it into plant food, saving plant food in the soil. Full directions accompany each package. When ordering be sure to state what seed you wish to inoculate.

- Group 1 Alfalfa and Sweet Clover.
- Group 2 Red, Mammoth, White, Alsike and Crimson Clovers.
 - ½ bu. size 30c
 - 1 bu. size 50c
 - 2½ bu. size \$1.00
- Group 4 Soy Beans.
- Group 5 Cow Peas, Peanuts, Lima Beans.
 - 1 bu. size 20c
 - 2 bu. size 30c
 - 5 bu. size 55c
- Group 6 Field and Garden Beans (Humus Form only).
 - ½ bu. size 20c
 - 1 bu. size 30c
 - 5 bu. size \$1.00
- Group 7 All Vetches, Field, Sweet and Garden Peas.
 - ½ bu. size 25c
 - 1 bu. size 35c
 - 5 bu. size (Humus only) \$1.50

Garden combination for Peas, Sweet Peas, Garden, String and Lima Beans, 10c.

Add for postage: 5c for garden size; other sizes 10c.

Ross' Old Reliable Seed House

Agricultural Seed Grains

BARLEY

CHEVALIER. A two-rowed variety. Long heads. The grain is plump, nearly white. Pk., 60c; bu., \$2.00.
WISCONSIN No. 38. The beards are smooth and no barbs. Excellent for feeding green. Pk., 60c; bu., \$2.00.

BUCKWHEAT

JAPANESE. Entirely distinct from all other varieties. It has the advantage of remaining some time in bloom and produces seed earlier. It resists drought and blight better than most varieties. Pk., 60c; bu., \$2.00.

CANADA FIELD PEAS

CANADA PEAS may also be sown with other grains as well as with oats, and are sometimes sown in August with Barley. They are also sometimes sown alone. Choice stock for seed. Lb., 12c; 10 lbs., 95c; 100 lbs., \$8.50.

COW PEAS

WHIP-POOR-WILL. A medium-early variety, very desirable for a forage crop and for rebuilding wornout land. A very prolific yielder and the most commonly used variety for planting broadcast. Pk., 95c; bu., \$3.50.

DWARF ESSEX RAPE

It grows best in cool, moist weather and the time for sowing depends upon when the crop is to be used. When wanted for pasture, allow 8 to 10 weeks for it to attain maximum growth. Lb., 25c; 10 lbs., \$2.00; 100 lbs., \$18.00.

SOY OR SOJA BEANS

BLACK WILSON. Medium size, black seed. Considered the best all-around variety for the North. Of rather upright growth, with a good amount of foliage and a slight tendency to vine on fertile soil. Matures seeds in 125 days and is ready for cutting in 110 days. A heavy seed producer. Pk., 70c; bu., \$2.50.

MANCHU. Matures in about 110 days and is the most popular early variety. Plants erect and bushy, producing large crops of dry forage and seed. Seed light yellow with a black scar. Pk., 70c; bu., \$2.50.

SUDAN GRASS

Sudan Grass is strictly an annual and dies each year like millet. From seven to nine feet high, with very small stems. Stock prefer it. Sow 10 to 15 lbs. per acre. Lb., 12c; 10 lbs., 75c; 100 lbs., \$6.50.

MAMMOTH RUSSIAN SUNFLOWER

Produces very heavy yields per acre for silage or grown for its seed. Valuable for feeding. Lb., 15c; 100 lbs., \$12.00.

MILLETS

HUNGARIAN (Hungarian Grass). An excellent food for horses when cured. Each root sends up several slender stems which often branch. The leaves grow upright, rather narrow. Heads are borne erect or nearly so, about four inches long, dark purple in color. Lb., 12c; 10 lbs., 75c; 100 lbs., \$6.50.

GOLDEN. This variety is extensively used throughout the United States. It is sown at the same time and at the same rate per acre as the common Millet. Grows more vigorous, gives a much larger yield of hay than common Millet. Lb., 12c; 10 lbs., 70c; 100 lbs., \$6.00.

JAPANESE (Panicum frumentacea). It is entirely distinct from all other Millets. Grows from 6 to 9 feet high, stands up well, and yields enormous crops. Lb., 12c; 10 lbs., 80c; 100 lbs., \$7.00.

Use
Inoculation
for All
Legumes—
It Pays



Dwarf Essex Rape

Soy or Soja Beans

A great soil enricher, gathering nitrogen from the air. Produces enormous crops as far North as Canada, ripening seed as far as Massachusetts. Especially valuable (in combination with millet and fodder corn) for ensilage, supplying the albuminoids or flesh-forming food.



Soy Beans



Sudan Grass

Agricultural Seed Grains



Ross Best Grimm Alfalfa

Vetch

SPRING VETCH OR SPRING TARE. Grown for soiling, or sown with oats for feeding green. Sow, if alone, 100 pounds to the acre. Lb., 15c; 10 lbs. or over, 10c per lb.

WINTER, SAND OR HAIRY VETCH (*Vicia villosa*). For fall sowings we advise mixing with Mammoth Red Clover or Rye, these giving a support for the vines. Sow, if alone, 60 pounds to the acre, or with Rye, 45 pounds of Vetch and 30 pounds of Rye to the acre. Lb., 22c; 10 lbs., \$1.70; 100 lbs., \$16.00.

Wheat

MARQUIS (Spring Wheat). It has outyielded all other spring Wheats grown under the same conditions of soil and climate, the increased yield being up to 10 bushels per acre; is flinty and dark in color, being almost dark red. It is a beardless variety, having a smooth, yellow chaff. Pk., 70c; bu., \$2.50.

WHITE (Winter Wheat). Sow early in the fall for a good firm root to survive our New England winters. Winter Wheat makes an excellent green feed, coming very early in the spring and staying in condition for feed much longer than spring or winter rye. A productive, bald, white variety, large and plump. Ask for price.

**Use Inoculation For All Legumes—
It Pays**

IMPORTANT SEED OATS

A change of Seed Oats is necessary and the seed should be renewed at least every second or third year. Oats grown on the same soil, year after year, deteriorates and soon becomes light, chaffy and unprofitable to grow.

Alfalfa - Dependable Varieties

The Farmer's Hay Insurance

Sow 15 to 25 lbs. per acre.

As a soil builder the Experiment Stations tell us that it adds twice as much nitrogen to the soil as the average acre of Red Clover.

COMMON. Requires well-drained land and an abundant application of lime previous to sowing. August is the best time to sow. Lb., 35c; 25 lbs. or over, 30c per lb.

GRIMM. Only a few strains of Alfalfa equal, and none excel true Grimm Alfalfa in hardiness. It is the safest type to sow wherever there is trouble from winter-killing. Lb., 40c; 25 lbs. or more, 34c per lb.

Rye

SPRING RYE. True stock Spring Rye makes an excellent crop where winter grain has been killed out, or for sowing where a fall crop has not been planted. If desired it can be turned under and made to answer a good purpose in adding to the fertility of the soil. Sow seed same time as other spring grain. Pk., 70c; bu., \$2.50.

ROSEN WINTER RYE. Rosen Rye produces a strong vigorous straw and stools to a remarkable degree. The grain is large, plump, heavy and of beautiful color, commanding a premium on the market over other grains. Owing to its vigorous stooling property less seed is required, the practice being about one and one-half bushels per acre. Ask for price.

Selected Seed Oats

NORTHWESTERN. Extra re-cleaned seed. Briefly described, the Oat is pure white in color; the hull is thin and the kernel large and plump; straw is stiff and strong enough not to lodge. A remarkable root development makes the Northwestern Oat a good drought resister—a special feature on light soils. Pk., 35c; bu. (32 lbs.), \$1.20; 3 bus. and over, \$1.15 per bu.

Field Seed Corn

Ross' Genuine Eureka Ensilage Corn

Has a Record of Producing More Tons Per Acre Than
Any Other Ensilage Variety

The Eureka is a large kernel white corn introduced by Ross Bros. fifty years ago and we still offer the genuine Eureka, which is superior to many varieties sold under this same name.

For the protection of the planter, Eureka comes put up in trade-marked bags and our suggestion is that you accept your Eureka Seed Corn in no other package.

Hardy and rugged characteristics; Eureka Corn germinates surprisingly well in cold, wet springs, and today farmers everywhere heartily approve planting the Ross Genuine variety of Eureka Corn. $\frac{1}{2}$ pk., 55c; pk., \$1.05; $\frac{1}{2}$ bu., \$2.00; bu., \$3.75.

Worcester County Sweepstakes

Grow 12-15 feet tall.

It is a big yellow Dent Corn, stalks very large, $1\frac{1}{2}$ to 2 inches in diameter, growing 12 to 15 feet high; foliage is long, broad and heavy, starting well down to the ground with an abundance of leaves and produces 15 to 25 tons per acre. $\frac{1}{2}$ pk., 55c; pk., \$1.00; $\frac{1}{2}$ bu., \$1.90; bu., \$3.50.

Westbranch Sweepstakes

Matures in 100 days.

One of the finest for silage, the stalks grow 10 to 12 feet high and are completely covered with leaves. The ears are 12 to 15 inches long and 14 to 18 rows. The color is yellow shaded with red. Mature in 100 days. $\frac{1}{2}$ pk., 55c; pk., \$1.00; $\frac{1}{2}$ bu., \$1.90; bu., \$3.50.

Ross' Hybrid Sweepstakes

For Ensilage and Husking

A hybrid obtained by combining different inbred strains of Dent Corn. It makes a quick vigorous growth, producing the maximum amount of feed possible in a short season. Its tall, thick stocky stalks stand up in storms that blow other varieties down. Leaves wide, close together and stay green after the ears ripen. It has yielded as high as 29 tons of silage per acre here in New England. $\frac{1}{2}$ pk., 85c; pk., \$1.50; bu., \$5.50.

Varieties That Fill the Silo
With Extra Good Yields



Eureka Corn

Improved Leaming

It ranks as one of the early dent corns, has a very heavy stalk, growing 12 to 13 feet high and very leafy. The ears are 8 to 10 inches long, filled with medium sized but deep kernels. Pk., 70c; bu., \$2.40; 10 bus. or over, \$2.30 per bu.

Sweet Fodder

Unexcelled for cutting green and feeding to stock. It should be included in all soiling schedules. 10 lbs., 90c; 100 lbs., \$7.00.

Early Canada Flint

An early 8-rowed variety; stalks about 6 ft., ears 8 to 9 inches. This strain is a decided improvement over the old Early Canada Flint. $\frac{1}{2}$ pk., 45c; pk., 80c bu., \$3.00

Longfellow Flint

This, for a long time, has been very popular in southern New England. Ears are 8-rowed and of remarkable length—12 to 14 inches, with occasionally one 15 inches. Stalks are considerably taller than the Improved Canada, but not so large but that they make excellent and easily handled dry stover. $\frac{1}{2}$ pk., 45c; pk., 80c; bu., \$3.00.

ROSS' SWEET CORN

One pound of seed will plant 200 hills or 300 feet of row; 10 to 12 pounds will plant an acre.

Best Yellow Varieties

Bantam Evergreen (Yellow). A yellow variety maturing about 10 days after the Golden Bantam and a week earlier than the Stowell's Evergreen white. It has an ear three times the size of Golden Bantam and runs 12, 14 and 16 rows to the ear. The stalk is about 6 feet tall and is perhaps 1 foot shorter than Stowell's Evergreen and 2 feet taller than Golden Bantam. The Bantam Evergreen has the tender and sweet qualities of the Golden Bantam and combines the quality of the Golden Bantam with the productiveness of Stowell's Evergreen. As a table variety it is unexcelled. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 22c per lb.

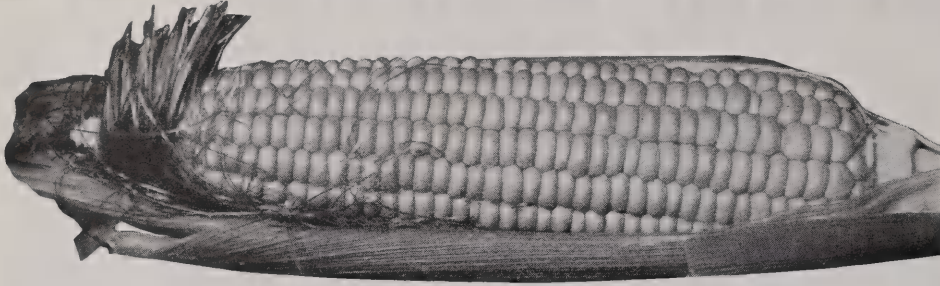
Improved Bancross Outstanding variety, very heavy producer, large eared and about five days earlier than Golden Cross Bantam, having all of the qualities of the Bantam and in addition, earliness and larger size. We are inclined to think that this variety will soon be a rival of Golden Cross Bantam. Pkt., 15c; lb., 40c; 2 lbs., 75c; 10 lbs. or over, 30c per lb.



Golden Sunshine Sweet Corn

ROSS BROS. CO., Worcester, Mass.

Field Seeds 7



Market Hybrid
Exceptionally Vigorous and Blight Resistant

***Golden Cross Bantam** Introduced jointly by the U. S. Dept. of Agriculture and Purdue University Agricultural Experiment Station. Excellent for market gardeners. Highly resistant to Stewart's disease and very prolific. Stalks sturdy, with exceptionally broad, dark green leaves. Ears 10 to 14 rowed, slightly lighter yellow than Golden Bantam. Pkt., 15c; lb., 40c; 2 lbs., 75c; 10 lbs. or over, 30c per lb.

***Golden Early Market** Most Outstanding Development of the Yellow Kernel Type. Ears 7 inches long containing 8 to 12 rows of creamy yellow kernels. Ripens in 75 days. One of the best early yellows for home and market gardens. Pkt., 15c; 1 lb., 30c; 2 lbs., 55c; 10 lbs. or over, 22c per lb.

Golden Bantam A favorite with all who have grown it. The most famous Sweet Corn in the world today. It is the richest and sweetest of all varieties of Sweet Corn. Golden Bantam is dwarf, the stalks are usually 5 to 6 feet high, and the foliage is short, allowing it to stand closer together in the small garden and thus produce a large crop on a small area. We recommend planting Golden Bantam every ten days during the planting season and you will be assured of a continuous supply of the best Sweet Corn. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 22c per lb.

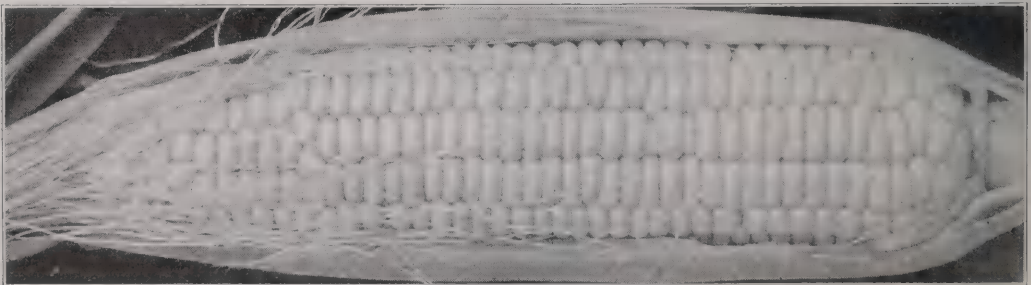
Golden Giant This is a cross between Golden Bantam and Howling Mob. Winner of the silver award for novelty excellence at Massachusetts Horticultural Show. Gives four times the yield per acre and twice the size of Bantam. Rich in color. Pkt., 15c; 1 lb., 30c; 2 lbs., 55c; 10 lbs. or over, 22c per lb.

Golden Sunshine The value of this variety lies in the fact that it matures several days in advance of the well-known Golden Bantam. The ears are very compact, about the same size of Golden Bantam, but more refined in appearance, having from 10 to 12 rows of grain. It is a very rapid grower. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 22c per lb.

***Market Hybrid** Outstanding Qualities—One of the Best Extra Early Hybrids. Market Hybrid, according to trials this year, was about a 70- to 72-day corn, stalks about the height of Golden Early Market, 4 to 4½ feet; ears 6 to 7 inches long, 12- to 14-rowed, covered with thick husks; excellent quality. We consider this to be one of the very best extra-early hybrids. We believe that if given a trial on good rich early land this will be a valuable market garden variety. Pkt., 15c; lb., 40c; 2 lbs., 75c; 10 lbs. or over, 30c per lb.

Golden Early Market

Sweet
Tender
Delicious



Marcross 6x13 We consider this the earliest large-eared hybrid. This variety has proven very prolific, very vigorous in growth and for such an early variety produces quite large ears. Pkt., 15c; lb., 40c; 2 lbs., 75c; 10 lbs. or over, 30c per lb.

Whipple's Early Yellow Twice the size of Golden Bantam and matures about the same time, grows ears 7 to 8 inches long and 12- to 16-rowed, with often two ears to one stalk. Quality is unequalled. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 22c per lb.

White Varieties

Country Gentleman Medium size, with irregular rows of very deep and slender kernels and small cob. Sweet and tender, not surpassed in quality by any other variety with white kernels. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 22c per lb.

Early Crosby (New England Strain). The most popular second early strain in New England, largely grown elsewhere. Ears are intermediate in size, especially attractive and distinct, having rather small, almost square kernels packed so closely on the cob that there is no space between the rows, as with other varieties; has always twelve or more rows and tip is completely covered. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 22c per lb.

Stowell's Evergreen The best known and most largely planted of all varieties. The Stowell's Evergreen is hard to beat and for a long time to come many will have it in preference to any other sort. Yields large ears and long, deep kernels, with rich sugary flavor and long keeping qualities. It is the standard late sort. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 22c per lb.

Black Mexican

A popular variety; until the introduction of the Golden Bantam, the sweetest of all. Ears of medium size; kernels large, when ripe bluish black, but at proper stage for cooking, the color shows but little if at all. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 22c per lb.

Delicious Pop Corn for Planting

White Rice This productive rather late kind supplies delicious popped corn. The plant is vigorous and grows 24-rowed ears, 5½ inches long. Pkt., 15c; lb., 25c; 10 lbs. or over, 20c per lb.

Dwarf White Hulless Dwarf variety used extensively by Popcorn vendors. Kernels similar in color and shape to the older types of White Rice. Dwarf growing habit. Ear about 2 to 3 inches long. Matures in about 65 days. Pkt., 15c; lb., 30c; 10 lbs. or over, 25c per lb.

Ross' Tested Vegetable Seed



Our prices have been reduced to the lowest point, consistent with the production of good quality seeds. The varieties of vegetable seeds offered on these pages are the best and most popular varieties in their respective classes, as required for the Ross standard of excellence.

ASPARAGUS

An ounce will sow about 60 feet of drill, and produce 200 or more plants.

Mary Washington This is a selection from the Washington showing a marked improvement in every respect. It is much larger than the ordinary strain and is some earlier. Tips very compact and a rich purplish green. The whole stalk from base to tip is remarkably tender. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 60c.

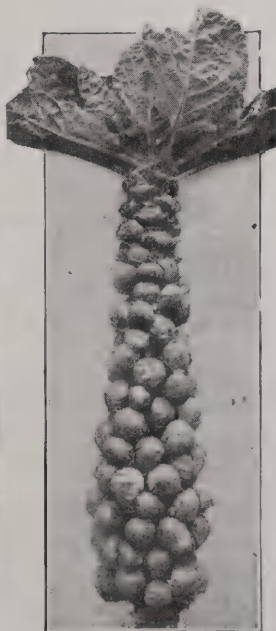
ASPARAGUS ROOTS

The easiest way to obtain an asparagus bed is to set out the roots. It takes 3 years to establish one from seed, but with our large, 2-year roots a bearing bed may be had in 2 years. We can furnish strong, selected roots of the variety listed, 50 in a bunch, at the following prices:

MARY WASHINGTON. Doz., 35c; 50 for \$1.25; 100 for \$2.25, postpaid. By express, 100 for \$2.00; 1000 for \$15.00.



Mary Washington



Brussels Sprouts

ARTICHOKE

Green Globe Perennial, large-flowering heads, cooked like asparagus. Matures second year; not hardy in the North. Pkt., 10c; $\frac{1}{2}$ oz., 35c; oz., 60c.

BRUSSELS SPROUTS

1 oz. will produce 3000 plants.

Long Island Improved A very hardy plant of the cabbage family, in this section may be left in the ground up to December. The plants of the Long Island strain do not grow up very tall but are covered from the ground up with large solid sprouts. Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.25.

BROCCOLI

Italian Green Sprouting (Close Heading.) Planted and used the same as cauliflower, bluish green color, largely used by market gardeners. The plants require plenty of water. Seed started in June will make heads which will be in good condition all winter. Seed started earlier will bring heads in for summer. Broccoli takes longer to mature than cauliflower, allow 2 or 3 weeks more. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 40c.

White Cape Very white, sure to head. Resembles a coarse cauliflower, but withstands greater extremes of temperature. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 40c.

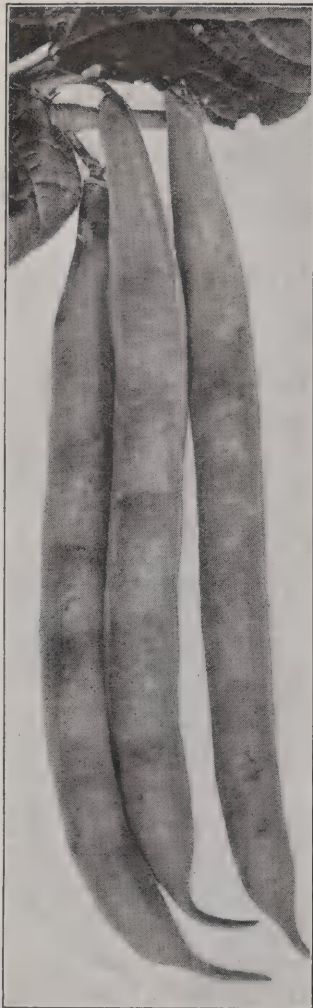


Broccoli, Italian Green

BEANS *for the Home Garden*

1 lb. will plant 100 feet of drill; 60 to 90 lbs. will plant an acre.

Beans succeed best in warm, light soil of at least average fertility. In this latitude it is not usually safe to plant much earlier than the middle of May. If planting is made earlier and is followed by especially wet or cold weather, the planter should not blame the seedsman if beans fail to germinate. Plant the dwarf varieties in drills 2 to 3 feet apart, about 2 inches deep, and thin plants 4 to 6 inches apart. Give frequent, shallow cultivation until time of blossoming.



Bountiful Beans

Dwarf Wax or Butter Beans

Black Wax One of the best for a home garden, perfectly stringless and of excellent flavor. Pods are medium size, round and of a clear waxy white color. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 24c per lb.

***Brittle Wax** One of the best early varieties. The pods are round and long, often six inches in length, and a rich golden yellow; stringless and tender. When ripe, makes good shell beans. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 24c per lb.

Improved Golden Wax An old, well known and popular variety of excellent quality. Pods flat, long, golden yellow. One of the earliest and best dwarf wax varieties for the private garden. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 24c per lb.

***Pencil Pod Black Wax** Best of all the dwarf black-seeded wax beans. It is early and productive, bearing rich yellow, nearly straight, round pods 5½ to 6 inches long. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 24c per lb.

Round Pod Kidney Wax Of unsurpassed quality. One of the best for the home garden and very desirable for market, where round-podded varieties are popular. Pods are long, very white and waxlike; uniformly perfect in shape and vine is very productive. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 24c per lb.

Sure Crop Stringless Wax Clear amber, stringless pods. Ideal for the home or market gardens. Strong grower, dependable cropper. An absolutely stringless, rust-proof wax-pod, bush bean. Pods 7 to 7½ inches long, about half an inch in diameter, and a beautiful rich yellow color. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 24c per lb.

Dwarf or Bush Green Podded Sorts

***Bountiful** Vine unusually thrifty, rarely affected by blight, bears early, profusely and for a long time. Pods large, flat but thick and meaty, stringless and tender. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 24c per lb.

Boston Small Pea More largely used than any other variety for baking. Choice select. Pkt., 15c; lb., 25c; 2 lbs., 45c; 10 lbs. or over, 18c per lb.

Burpee's Green Pod Stringless A very desirable dwarf podded snap sort for the home garden and largely grown for the market. Pods medium green, 5 to 6 inches long. Seed of medium size and length, yellowish brown. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 24c per lb.

Dwarf Horticultural Pods thick, broad, of medium length, yellowish green splashed with red when at the stage of fitness for green shell beans and are then very attractive. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 24c per lb.

***French Horticultural** The vines are compact and of upright growth; almost always sending out runners to a height of 1½ to 2 feet, but do not climb a pole and are not of sufficient length to affect the bean in any way. The pods when ready to use are a yellowish green splashed with a bright crimson. Very prolific. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 24c per lb.



Giant Stringless Green Pod

*Don't
Forget!*

To get a summer-long supply of this delicious vegetable, sow seeds every two weeks. Order sufficient seeds now for your season's needs.

Giant Stringless Green Pod Makes an excellent succession to Burpee's Stringless Green Pod when planted at the same time. The plants are of strong growth; pods slightly curved, quite meaty, being broadly rounded and saddle backed; brittle and stringless at all stages. Pkt., 15c; lb., 25c; 2 lbs., 45c; 10 lbs. or over, 20c per lb.

Tendergreen (Ross'). There's a profusion of exquisitely tender green pods. A green podded bean of unusual merit. The pods are long, light green in color, round and absolutely stringless. It yields a heavy crop of early beans. Early, prolific, stringless. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 24c per lb.

Improved Yellow Eye One of the best sorts for baking; extremely productive and of superior quality. Pkt., 15c; lb., 25c; 2 lbs., 45c; 10 lbs. or over, 20c per lb.

Red Kidney Large red kidney-shaped Beans of excellent quality. The old-fashioned baking Bean. Pkt., 15c; lb., 25c; 2 lbs., 45c; 10 lbs. or over, 20c per lb.

English Broad Bean

Broad Windsor An old-fashioned English shell bean. This bean is very hardy; it should be planted as early as the ground will permit, 3 to 4 inches deep in rows 3 feet apart, and plants 1½ feet apart in row. Dry beans very large and yellowish green. Pkt., 15c;

Dwarf Lima Beans

1 lb. will plant about 50 hills.

More hardy than the pole varieties and therefore may be planted earlier. Make rows 2 feet apart and plant the Beans, eyes down, every 2 inches. Cover about 2 inches deep. Thin to 6 inches. Note: In very wet weather Bush Lima Beans will sometimes send out runners about 2 feet long.

Henderson's Bush Lima A bush bean of the Sieva Lima type. Beans small but vine is productive and bears early. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 24c per lb.

Burpee's Improved Bush Lima A distinct strain. The earliest, largest, and the best of all large Limas. This new strain differs from the popular Burpee's Bush Lima in bearing uniformly much larger pods, producing more beans, while both pods and beans are much larger and thicker. While the beans are as large as those of the large Lima, the crop of the Improved is ready for gathering from 8 to 10 days earlier. In quality the beans are equal to any, being thin-skinned, juicy and of fine flavor. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 24c per lb.

Fordhook Bush Lima One of the leading varieties of Bush Lima Beans. The plant is of stiffly erect habit, the beans are much larger and of superior quality and even when full size are juicy and of fine flavor. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 24c per lb.



Kentucky Wonder Wax Bean

Pole or Running Lima Beans

1 lb. will plant about 100 hills.

Seibert's Early Lima The earliest variety; the pods short and rarely contain more than 4 beans, the total yield compares very favorably with other varieties. Pods are opened easily, owing to the fact that they are very thin. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 24c per lb.

King of the Garden Lima Earlier than the Large Lima, and the pods are longer and often contain 5 beans of the largest size. The vine is large and of remarkably vigorous growth and will produce larger pods and bear earlier if only two are allowed to grow to the pole. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 24c per lb.

Beans, Pole or Running, Wax Podded Sorts

1 lb. will plant about 100 hills.

Pole Beans require considerable care. They are, when properly grown, of long bearing period, more sensitive to wet and extremes of temperature than the dwarf varieties and should not be planted as early. Set in rows about 4 feet apart, preferably running north and south, allowing about 3 feet between the poles in the row. Plant 6 to 8 beans around each pole and thin to 3 to 4 plants.

Golden Cluster Wax Pods long, broad, thick and fleshy; borne in clusters, creamy white to golden yellow; of best quality. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 24c per lb.

***"Kentucky Wonder Wax"** This Pole Bean is quite similar to the very popular green-podded Kentucky Wonder, except that the very long pods are a little broader, and of a waxy golden yellow. These are very attractive, fleshy, stringless and not surpassed in quality. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 24c per lb.

Beans, Pole or Running, Green Podded Sorts

Don't Forget—Nod-o-gen for Beans

***Kentucky Wonder or Old Homestead** Pods are borne in large clusters, are of unusual length, nearly round, silvery green; when young, crisp, entirely stringless, of fine texture and flavor. Vine bears early and is very productive. Used only as a string bean. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 24c per lb.

Scarlet Runner Largely grown as an ornamental climber; its rapid growth and early production of dazzling flowers make it a favorite for covering screens, walls, etc. It is also of excellent edible qualities, but rarely grown for that purpose. Pkt., 15c; lb., 35c; 2 lbs., 65c; 10 lbs. or over, 27c per lb.

Worcester Mammoth Horticultural This variety, while similar in general character to the Horticultural Pole, is much superior in several ways. The beans, though closely resembling those of the common strain, are much larger. Its strikingly handsome pod combined with its great size are both features of excellence which recommend it. Added to these excellent qualities are those of thrifty, vigorous growth of vine and great productiveness, all making it a variety especially desirable to the market garden. It easily brings a higher price in the market than any other, and is not excelled by any other sort for the home garden. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 24c per lb.

INFORMATION PLEASE

If you are in doubt as to the best varieties of vegetables for your garden or where to get the best seed, consult with the nearest agricultural school or experiment station. You will find the men there very able and always willing to give you the necessary help.



Burpee's Improved Bush Lima Bean

Beets ROSS' Selected Varieties for Table • Pickling and Canning



Early Wonder Beet

★**Detroit Dark Red** A superior second-early and main-crop variety rapidly growing in favor for late planting. Tops uniformly small and grow upright so that the rows may be close together. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.

An ounce will sow about 100 feet of drill. 5 to 6 pounds required for an acre.

The Beet thrives best in deep, rich, but rather light soil. Sow in drills about 15 inches apart and one inch deep. Make the soil firm over the seed. For early use, sow as soon as the ground can be worked; for fall use, in May; for winter from the 20th of June to the middle of July, according to the variety. Thin plants to 4 or 5 inches apart. Give frequent shallow cultivation.

★**Crosby's Early Egyptian Extra Selected Strain** For several years we have given this especial attention and have succeeded in eliminating the light-colored, coarse fleshed specimens peculiar to the Egyptian. Roots are more uniform in shape and tops are more even in growth, a little smaller. We confidently recommend it to market gardeners as an unsurpassed strain. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.

★**Early Wonder** A new improved Crosby Egyptian Beet. Smooth, dark, red flesh. Extra good for market gardeners. One of the earliest and most perfectly shaped Beets. Its beautiful, deep blood-red color, globular-shaped roots, make it valuable for the home garden. The attractive appearance, uniform size, shape and color have created a very heavy demand for this variety. It is grown very extensively for late sowing. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.

Ross' Perfection Selected by us as the best early beet for the market gardener. Nearly as early as the Early Egyptian, but the roots are much thicker and more regular in shape. By careful selection the coarse-fleshed and light-colored specimens have been practically eliminated. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.

Edmand's Blood Turnip A standard variety used for both second-early and main crop. Of good quality and keeps well. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.

Dewing's Blood Turnip One of the leading main crop varieties. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.

Mangel Wurzel or Cattle Beets

The Mangels furnish large quantities of nutritious and healthful food for stock and poultry. Yields 25-30 tons per acre.

1 oz. to 100 feet of drill; 5 lbs. per acre.

Culture. Both Mangels and Sugar Beets require deep, well enriched soil. Sow in May or June in rows 18 inches to 2 feet apart and 6 to 8 inches in the row. Young plants may be transplanted to fill up vacancies. As soon as frost occurs, dig the crop. For winter store in cellar or in pits. Sow 5 to 6 pounds per acre.

The value of Sugar Beets and Mangels for stock feeding is clearly seen in the improved health and condition of the animals. They yield enormously and can be grown at trifling cost.

Mangels make excellent and rich as well as cheap winter feed for poultry.

Golden Tankard It is one of the best of the stock beets grown. It has yellow flesh, very distinct variety, being short with very little tap root and very easy to harvest. Top and neck very small; root ovoid, flesh yellow, zoned with white; an excellent sort. Price, oz. pkt., 15c; $\frac{1}{4}$ lb., 25c; lb., 75c.

Mammoth Long Red This is truly a mammoth, a single root often weighing 20 to 30 pounds. The extra large, long roots are blood-red in color and very nutritious. Enormously productive, yielding, under favorable conditions, 30 to 40 tons of roots per acre. Oz. pkt., 15c; $\frac{1}{4}$ lb., 25c; lb., 75c.

Norbiton Giant Long Red Similar to the Mammoth Long Red; has smaller top and neck; flesh scarlet. Oz. pkt., 15c; $\frac{1}{4}$ lb., 25c; lb., 75c.

Klein Wanzleben

High Sugar Content; Popular with Sugar Beet Growers.

Root is conical, straight and even, large at top and tapering. Contains the largest percentage of saccharine matter. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.



Mammoth Long Red Mangel

Ross' Dependable Cabbage

1 pkt. produces 250 plants; 1 oz. produces 3000 plants.

The seed we offer is absolutely new stock from the best professional growers. A heavy rich loam, thoroughly cultivated, highly manured and worked deep is most suitable to cabbage. Early cabbage should be planted under glass in March and transplanted 2 feet apart as soon as ground outside can be prepared. For late plants, sow in hills in open ground in May. Transplant in July. Protect against insects with Slug-shot.

Yellows-Resistant Cabbage

The term, "Yellows-Resistant" Cabbage seed, does not necessarily imply that this seed is to be planted only in soil infested with the Yellows or Wilt. Our Resistant seed has a very high germination test, and produces a hardier plant, a surer producer and yields greater tonnage than ordinary commercial strains.

Danish Ballhead "Yellows-Resistant" Pkt., 10c; ½ oz., 30c; oz., 50c.

***The Early Copenhagen Market** A New Englnd favorite cabbage. Large heads, solid light green, round, excellent quality. The earliest large, round-headed cabbage yet introduced. Matures 68 days after transplanting. It is a very sure heading and uniform variety of hardy and compact growth. The heads are 7 to 8 inches in diameter and weigh 3 or 4 pounds. Pkt., 10c; ½ oz., 30c; oz., 50c.

All Seasons This cabbage is remarkable for its ability to stand hot sun and dry weather and remain a very long while in condition for use. Intermediate in season, requiring 89 days to mature. The plant grows vigorously and in somewhat spreading form. The head is large, firm and solid, very white and has a small heart. It is broad-oval in shape, 8 inches deep, 10 to 11 inches wide and 9 or 10 pounds in weight. It is crisp, sweet and tender. Pkt., 10c; ½ oz., 30c; oz., 50c.

Early Jersey Wakefield Although this variety is not as early as the preceding one, it will be found the very best conical heading sort to come in immediately after. It is very compact, medium size, conical, and a sure header. Pkt., 10c; ½ oz., 30c; oz., 50c.

American Improved Savoy The best of the Savoy type, which should be more largely grown. Pkt., 10c; ½ oz., 30c; oz., 50c.

***Danish Ballhead** (Ross'). This short-stemmed type is popular on account of the great solidity and weight of the head; it is a strong, vigorous grower, producing large round, compact heads, almost as hard as iron, weighing when trimmed fully one-fourth more than any other cabbage of equal size. In consequence, it keeps in condition until spring. Pkt., 10c; ½ oz., 30c; oz., 50c.

Golden Acre (Danish Grown). An extra early selection of the Copenhagen type, and the earliest of the round-headed cabbages, maturing with Jersey Wakefield. Plant small, dwarf and compact, with few outer leaves; heads of medium size, round as a ball, hard, solid and very uniform. We believe it to be the earliest cabbage in existence. Pkt., 10c; ½ oz., 35c; oz., 60c.

Penn State Ballhead Originated by Dr. Meyers of the Pennsylvania State College. It is a short stem variety, medium size heads, very hard and the color a bright green. Pkt., 10c; ½ oz., 35c; oz., 60c.

Premium Flat Dutch An old standard late variety. Head large, flat and solid. Pkt., 10c; ½ oz., 30c; oz., 50c.

Mammoth Rock Red Head larger and more solid than Red Drumhead; reliable in heading. Pkt., 10c; ½ oz., 30c; oz., 50c.

Warren Stone Mason An improved strain of the old Stone Mason. Previous to the introduction of the Danish Ballhead, the most popular variety in New England for main crop. Earlier and more nearly round than the old strain, of medium size, hard, solid and of excellent quality. Reliable and keeps well. Pkt., 10c; ½ oz., 30c; oz., 50c.

Chinese Cabbage

Pe-Tsai Distinct from the cabbage of commerce, somewhat resembling Cos Lettuce; in fact, sometimes called Celery Lettuce. It can be eaten either as a salad or cooked like ordinary cabbage. Culture same as late cabbage. Sow early in July. Pkt., 10c; ½ oz., 30c; oz., 50c.



Copenhagen—Early



Danish Ballhead—Late

CARROTS

Ross' Selection of Superior Table Varieties

CULTURE. Prefers ■ deep mellow soil. Sow seed in April for early, or in July for fall crop. Sow seed one-half inch deep in rows 12 inches apart. Thin out to 3 inches apart. If their growth is checked, carrots split and become rooty. To avoid this, water them thoroughly during a drought. Make successive plantings so as to assure a constant supply all summer. Seed may be sown from early spring to ■ late ■ August first.

★ **Chantenay** (Ross'). The Most Popular of All Home Garden Carrots. A popular favorite for its rich orange-red color, its fine grained flakes, its superb flavor. Fully developed, it averages 6 inches in length, is broad at the neck and narrows gradually to a round blunt base. Pkt., 10c; oz., 30c; ¼ lb., \$1.00.

★ **Danvers Selected Half-Long** (Ross'). It is more easily harvested than the longer type, and is excellent to sow for winter, for stock or table use. Pkt., 10c; oz., 30c; ¼ lb., \$1.00.

★ **Hutchinson** A very large, nearly cylindrical, stump-rooted carrot, 10 to 12 inches in length, good color, and immensely productive. Pkt., 10c; oz., 30c; ¼ lb., \$1.00.

Imperator For market and house garden use. Tops medium, but strong enough for good bunching. Flesh rich orange color, extending to center of root, with indistinct core. Pkt., 10c; oz., 30c; ¼ lb., \$1.00.

Long Orange Improved Large size, tapering to a point, of deep orange color, and adapted to garden or field culture. A valuable food for stock. Pkt., 10c; oz., 30c; ¼ lb., \$1.00.

Large White Belgian Grows one-third out of ground. The portion above ground is green, that below white, large and rather coarse. Used only for stock. Pkt., 10c; oz., 20c; ¼ lb., 50c.



Carrots, Danvers

Celery — Ross' Home and Commercial Strains

An ounce will produce about 10,000 plants.

Celery is generally grown as ■ second crop, following early cabbage, onions, peas, etc. Sow early in April, transplanting about the first of June. Set in rows about three feet apart.



Golden Self-Blanching Celery

★ **Easy Blanching** The plant is of medium height, of great vigor, having thick rather than broad stalks, with shallow ribs. The stalks are very brittle and the flavor extremely spicy. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00.

Giant Pascal One of the best for winter use; leaves upright, short and dark green. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00.

Golden Self-Blanching The most popular variety for market, easily blanched, very attractive, of good quality though not equal to some of the green celeries. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00.

White Plume The earliest and most easily blanched of all varieties, very showy, of good quality. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00.

Winter Queen Of medium height, but stout, thick and heavy, with a larger amount of heart than most other sorts. Of fine quality, more easily handled than the Giant Pascal, and an excellent keeper. One of the best for late winter use. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00.

Celeriac—Turnip Rooted Celery

Sow seed and treat in first stages of growth as directed for celery. Set in rows 2 feet apart and 6 inches apart in the row. When roots have reached ■ size of 2 inches in diameter they are ready for use. These are boiled, sliced, and eaten with vinegar. To keep through winter, roots should be packed in moist sand or earth.

Large Smooth Prague An improved sort with nearly round roots which have but few side roots. Pkt., 10c; oz., 50c; 2 ozs. 90c; ¼ lb., \$1.50.

Cauliflower for Garden and Farm

An ounce will produce 3000 plants

Sow the first week in May, transplant in July. For wintering under glass, sow second and last week in September, transplant into cold frame, give plenty of air in mild weather and cover up in severe. Again, sow in February in a hotbed and transplant in April. Use plenty of rotted manure. Select new ground, as cauliflower rarely succeeds on ground which has been cropped year after year. Plant in rows 20 inches apart and 2 feet between rows.

★Early Snowball The earliest and surest to head. We offer an unsurpassed strain from one of the leading growers in Denmark. Pkt., 20c; ¼ oz., \$1.25; ½ oz., \$2.25.

Earliest Dwarf Erfurt One of the earliest varieties; very dwarf. Excellent for forcing. Pkt., 20c; ¼ oz., \$1.25; ½ oz., \$2.25.

Early London A well known variety, maturing its head soon after the earliest sorts. Pkt., 20c; ¼ oz., \$1.25; ½ oz., \$2.25.

SWISS CHARD

Swiss Chard or Silver Sea Kale Beet Used for greens only. Much superior to other beets for greens. Plants should be thinned to about one foot apart. When the plants have attained full size the stems and mid-ribs are sometimes cooked and served like asparagus. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25.

Giant Lucullus This Swiss Chard or Spinach Beet is prepared for the table in the same manner as spinach; sometimes, however, the mid-rib is prepared like asparagus. Seed planted early in the spring will quickly produce plants from which cuttings may be made all summer, as you can cut right down to the ground and new shoots will spring up and make a fast growth, while those plants which are allowed to grow on without any cutting will make large, curly leaves, with thick, light colored mid-ribs which are delicious when cooked and served like asparagus. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25.

CHERVIL, CURLED

A hardy annual, used for flavoring and garnishing. It is thought by some to exceed even parsley in beauty. Seed should be sown early in the spring and when plants are well rooted, transplant to one foot apart. The leaves will be ready for use seven to ten weeks from planting. Pkt., 10c; oz., 50c.

CORN SALAD

Fetticus or Lamb's Lettuce

A hardy, rapid-growing plant, often used in winter as a substitute for lettuce and is sometimes cooked and used like spinach. Pkt., 10c; oz., 30c; 2 ozs., 55c; ¼ lb., \$1.00.



Early Snowball Cauliflower

CHICORY

Witloof or French Endive Esteemed as a salad plant. Spring-sown seed produces parsnip-like roots by November. Cut the leaves off 1½ inches from the neck, trench 1½ inches apart, cover with soil 8 inches over crown; then place a 2- or 3-foot layer of fresh manure which induces new growth of blanched leaves folded like cos lettuce, which are eaten raw as salad. Pkt., 10c; oz., 30c; ¼ lb., \$1.00.

CHIVES

Are a small, hardy perennial plant resembling onion in appearance and growing in clusters. They are grown for the leaves, which are produced freely from early spring, and give a mild onion flavor to sausages, salads, and soups. They can be easily grown in pots at a sunny window during the winter. Pkt., 15c; ½ oz., 40c; oz., 75c.

COLLARDS

One ounce for about 5000 plants.

Collards are very largely used as "greens" in some parts of the country, especially in the South. They are a form of loose-headed cabbage.

Georgia The most satisfactory variety for general use. Pkt., 10c; oz., 25c.

DANDELION

An ounce will sow 200 feet of drill.
Two pounds to the acre.

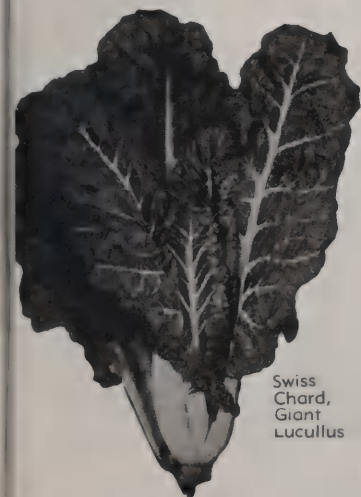
Sow early in the spring in rich soil in drills 15 to 18 inches apart, cover lightly but make the earth firm.

Improved Thick-Leaved, or Cabbaging A distinct variety in thickness of leaf and deep green color. It grows compactly, forming a regular tuft. Pkt., 10c; ½ oz., 35c; oz., 65c.

Cultivated, or French Common A greatly improved strain of the common dandelion. Pkt., 10c; ½ oz., 25c; oz., 45c.

Ciccoria Catalogna, or Italian Dandelion Pkt., 10c; ½ oz., 30c; oz., 50c.

We deliver free in the United States all Bulbs, Vegetable and Flower Seeds, at prices listed in this catalog. See inside front cover.



Swiss
Chard,
Giant
Lucullus



Chicory

CUCUMBERS *for the Home Garden*

One packet of seed will sow 15 hills, 1 ounce 50 hills.

The Cucumber requires well enriched soil, and should not be planted until settled warm weather; in this latitude, seldom before the middle of May. Plant the early, small kinds in hills $3\frac{1}{2}$ to 4 feet apart, the larger varieties 5 to 6 feet. Make the hills broad, use 15 to 20 seeds to the hill, dropping them well apart. Cover with not over an inch of earth, and firm this well with the hoe. If the young plants are attacked by the striped bugs or other insects, dust frequently with air-slacked lime, soot or ashes mixed with road dust, taking care that too much is not used at a time. When all danger from bugs is past, thin to three plants to the hill. Give frequent shallow cultivation as long as vines will permit.

***Colorado** This cucumber grows about 12 inches long and about 3 inches in diameter. The color is dark green. It is just a little shorter than Longfellow and far more prolific. We think it will be one of the leading varieties from now on. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.

Davis Perfect Fine length, slimness, beautiful dark green color, transparent-like flesh with deliciously cool, refreshing flavor, and enjoyable crispness, are distinguishing features and qualities of this, the most popular of the extra-long, white spine Cucumbers. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.

Boston Pickling For pickling. Its fruit is short, pointed at each end, productive and of superior quality. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.

***Early Fortune** The plant is early, very vigorous, with an exceptionally heavy, thick foliage and is almost disease-resistant and very productive. Fruits are uniformly nine inches long, slightly tapering toward each end, perfectly round and of a very dark green color which does not fade in shipping; flesh very thick, firm and crisp, and exceedingly small seed cavity. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.

Extra Long or Evergreen White Spine Vine productive and comes into bearing soon after the Early White Spine. Popular with market gardeners. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.

***Imperator, W. S.** An outstanding variety for shipping, and for market gardeners. Holds its color and firmness when handled long distances. Fruits weigh $2\frac{1}{4}$ pounds; handsome, very dark green color; slightly tapered at both ends; flesh crisp and firm; remains edible for a long time; very few seeds. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.

Improved White Spine Perfection has been attained in this improvement in the White Spine family. It is early, prolific, and produces a continuous crop of uniformly large and symmetrical fruits, faintly marked with light yellowish shading toward the tip. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.

Japanese Climbing (Black Spine). Vine very vigorous, with especially strong grasping tendrils. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.

Long Green An old standard variety, very popular for home gardens, but little used for market. Fruit very long, slender, very firm and crisp, uniformly dark green; makes fine pickles and is the best of all when ripe for making sweet pickles. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.



Batavian Endive

English Frame Variety

For forcing in hotbeds and greenhouses

Telegraph The most valuable variety of this class, superior for market. Pkt., 50c.

ENDIVE

An ounce will sow 300 feet of drill, producing from 2000 to 2500 plants.

Endive, like lettuce, may be grown at any season, but is more generally used in the fall. For early use, sow in April, for later, until July, in drills 18 inches apart, or in beds for transplanting, plants should stand 10 to 12 inches apart in the row. When nearly full grown tie outer leaves over center to blanch the heart, or blanch with boards as with celery.

Moss Curled Of dense growth and finely curled. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.

Large Green Curled Of large growth, not so much curled as preceding. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb. 50c; lb., \$1.50.

Batavian Broad-Leaved (Escarolle). A variety having broad, more or less twisted and waved bright green leaves with thick, nearly white mid-ribs. The inner leaves form a fairly solid, clustering head which blanches a beautiful deep creamy white and is crisp, tender, and of fine flavor. Unsurpassed for salads. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.



Long Green Cucumber



Black Beauty Eggplant

KOHL-RABI

An ounce will sow about 200 feet of drill.

The edible part is the turnip-shaped bulb formed above ground. Combines somewhat the flavors of cabbage and turnip. Sow in light, rich soil early in spring in rows 1½ feet apart, thin to 6 inches apart in the row. Plantings at intervals of ten days will give a succession until hot weather; when they fail to grow well. Plant the latter part of July for fall use.

Early White Vienna (Extra for forcing.) Extremely early with small tops. Bulbs medium size, very light green or nearly white. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 85c.

Early Purple Vienna Early with small top, the leaf stems being tinged with purple. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 85c.

DILL

An annual of aromatic odor and warm pungent taste. Its seeds are used for seasoning. It possesses medicinal properties but its largest use is for making dill pickles. Plant branching, two to three feet high; leaves very much cut into threadlike segments. Pkt., 10c; oz., 20c; ¼ lb., 50c.

FENNEL (Finocchio)

Florence or Naples Resembles celery in flavor but has a sweet taste and delicate odor. Should be sown in spring in drills 18 inches apart and the plants thinned to 5 or 6 inches apart. Pkt., 10c; oz., 50c; ¼ lb., \$1.50.

CRESS, CURLED or Pepper Grass

A small pungent salad plant, much liked by some with lettuce. Like all salad plants, it should be grown on rich ground. Seed may be sown early in the spring, but if desired through the summer, repeated sowings will be necessary. Pkt., 10c; oz., 20c.

WATER CRESS

Hardy plant which can be grown in a pond or along the banks of a running stream. Largely used as a garnish during the winter and early spring months. Pkt., 10c; ½ oz., 35c.

EGGPLANT

An ounce will produce about 2000 plants.

Culture. Plant the seed in March in hotbed, or, for family use, in flower pots in a warm window. Transplant in open ground after weather has become warm and settled, in rows 2 feet apart each way. Require rich soil.

Long Purple An extra early sort, fruits 7 to 8 inches long, 2½ to 3 inches thick; dark purple, smooth and attractive. Pkt., 10c; ½ oz., 30c; oz., 50c.

New York Improved (Spineless). The favorite variety. Fruit of largest size, rich purple and finest quality. Plant large, spreading and very productive; foliage light green. Pkt., 10c; ½ oz., 30c; oz., 50c.

Black Beauty A valuable variety, ready for use two weeks earlier than any other sort. The fruit is thick and of a rich purplish black color. Pkt., 10c; ½ oz., 30c; oz., 50c.



Long Pod Okra

HOME GARDEN COLLECTION

Beet, Crosby's Early	Pkt. 10c
Carrot, Imperator	10c
Sweet Corn, Golden Bantam ..	15c
Cucumber, Imperator	10c
Lettuce, New York Iceberg	10c
Radish, Scarlet Globe	10c

Value 65c

One packet each of the above as listed, six varieties, postpaid to any address in the United States, cash with the order 40c.

MUSHROOMS

Brown Bottle Spawn One qt. bottle will seed an area of 35 to 40 square feet, depending on the size of the piece planted. Bottle Spawn is now shipped, removed from the glass container. Mushroom culture sent with every spawn. Each, 70c; postpaid, 80c; 3 for \$2.40.

For Good Crops It Is Important to Plant Ross' Selected Seeds.

KALE OR BORECOLE

An ounce will produce 2000 plants.

Dwarf Curled Scotch Sow in May and transplant in June, and treat generally as for cabbage. Curled, low-growing variety; the leaves, when properly cooked, make very palatable greens. Pkt., 10c; oz., 20c; ¼ lb., 50c.

LEEK

Leeks require rich soil. Sow early in spring in deep drills, 18 inches apart, cover with one-half inch of soil, thin plants to about 8 inches apart. Draw the earth around them as with celery.

American Broad Flag A desirable strong growing, broad-leaved leek, hardy and productive. Favorite with market gardeners and useful for the home garden. Pkt., 10c; ½ oz., 30c; oz., 50c.

Giant Musselburgh A hardy variety of extra large size; leaves fan-shaped, dark green color. Pkt., 10c; ½ oz., 30c; oz., 50c.

MUSTARD

Used mainly for salads and greens. Sow as early as ground can be worked in drills 18 inches apart and one-half inch deep. Successive sowings every 3 weeks.

White or Yellow The common variety used to flavor pickles. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Southern Giant Curled Large, light green leaves. The best for salads. Pkt., 10c; oz., 20c; ¼ lb., 50c.

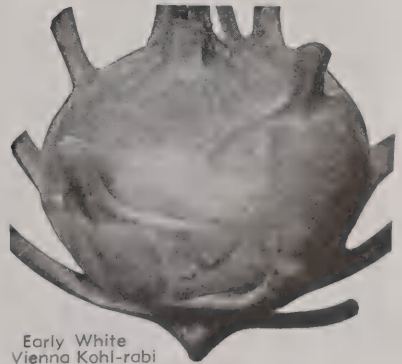
OKRA OR GUMBO

The young seed pods are used in soups or stewed and served like asparagus. Best results would be obtained by sowing seed in the hotbed. Set plants in rows 2 feet or more apart and about a foot apart in the row.

Dwarf Green Early and productive; best for northern cultivation. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Perkins' Mammoth Long Pod

A dwarf but enormously productive variety. Pods long, slender, deep green and remain tender much longer than most sorts. Pkt., 10c; oz., 20c; ¼ lb., 50c.



Early White Vienna Kohl-rabi

LETTUCE

Indispensable for Salads
and Garnishing

An ounce will produce from 3000 to 4000 plants.

Lettuce thrives on nearly all soils, but because the growth should at all times be rapid to insure crispness and best flavor, the soil should be heavily enriched and well worked before planting. Lettuce being quite hardy, seed may generally be sown as soon as ground can be fitted, as while prolonged or continued freezing will kill the plants, they are but little injured by an ordinary frost. Seed may also be sown in hotbed in gentle heat, and the plants, if well hardened by having been often exposed to the air, may usually be set in the open ground very soon after the time suggested for sowing outdoors.

★Black-Seeded Tennisball More extensively grown in New England than any other variety, both for first outdoor crop and for main crop, the medium sized heads being the size most liked by gardeners, while its compact form allows it to be grown more closely together than others. Pkt., 10c; ½ oz., 20c oz., 30c; ¼ lb., 75c.

Green-Leaved Big Boston A cabbage butter head; medium size; medium green. Is practically the same as Big Boston with no tint of brown and the head is of a whitish green. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 75c.

Black-Seeded Simpson Much larger than the preceding, but not so much curled. Forms a large, loose cluster of leaves rather than a head; leaves light yellowish green. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 75c.

Crisp as Ice A midsummer variety, surpassing all of this class in crispness, tenderness and fine flavor. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 75c.

Big Boston White Seeded Probably the most generally used in cultivation. It is a cabbage-head, butter type, medium large, finely shaped, globular, medium light green with slight tinge of brown on margins of outer leaves. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 75c.

Early Curled Simpson (White-seeded.) An old variety, with broad, often frilled, very curly, light green leaves; sweet, tender, of fine flavor. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 75c.

Grand Rapids One of the easiest varieties of lettuce to grow. It forms no head but produces an abundant crop of pale green leaves, slightly but closely crumpled which have an excellent flavor. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 75c.

Hanson An old variety of great merit. Large, flat, cabbage-like head, very slow to run to seed. The outer leaves are bright green, with veins of lighter shade, inner leaves white, usually curved and twisted at the base. Grown for home use. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 75c.

★Iceberg The unusual solidity of the heads is insured by the large white main ribs of the leaves, each of which curving strongly into the center, acts like a truss, making it impossible for the leaves to open outward and expose the center, which is consequently thoroughly blanched. The leaves are always crisp and tender. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 75c.



New York No. 12 (Dark Iceberg)

May King A very hardy variety of foreign origin, which owing to its hardiness, earliness and large size for a variety of this class, is coming rapidly into favor here, both for outdoor planting and for forcing. Forms compact heads, nearly, if not quite, as early as White-Seeded Tennisball. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 75c.

Imperial No. 847 (Long Standing Iceberg). This fine lettuce will do well in spring and fall, and is outstanding as a summer heading variety, even during hot weather most every plant will produce a fine solid head. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 75c.

★New York No. 12 (Dark Iceberg). Delightful to the eye—crisp, excellent quality. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 75c.

Prize Head A large, loose-leaved variety, which has been very popular for home use. Leaves very thin, crimped, bright green tinged with brownish red; sweet, tender and of good flavor, but not equal to Crisp as Ice. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 75c.

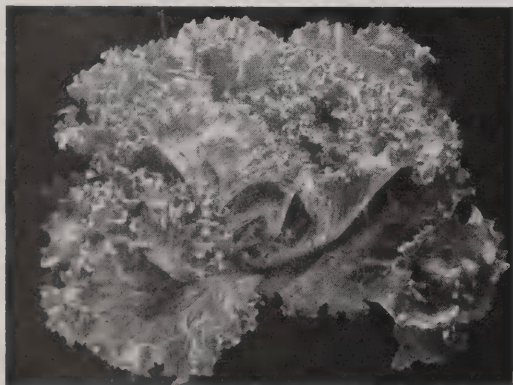
Romaine or Cos Lettuce

Distinct from the ordinary lettuce on account of their tender, crisp leaves and delicious flavor.

Paris White Cos One of the finest varieties for summer use. Pkt., 10c; ½ oz., 15c; oz., 25c; ¼ lb., 65c.

Information Please!

If you are in doubt as to the best varieties of vegetables for your garden, or where to get the best seed, consult with the nearest agricultural school or experiment station. You will find the men there very able and always willing to give you the necessary help.



Grand Rapids Leaf Lettuce

Delicious, Sweet Melons, Thick Meated

An ounce will plant about 50 hills. 1½ to 2 pounds are required for an acre.

The Muskmelon succeeds best in warm, rich soil. Plant when all danger of frost is past, in broad hills 4 to 5 feet apart, 10 or more seeds to each hill. Cover with one inch of soil and firm well with the hoe.

***Bender's Surprise** (The Bender Melon). A very popular variety in the East, particularly around Albany, N. Y. A selection from Surprise and a close kin to Irondequoit, differing from that variety in being more oblong, more full and rounded at the ends, not quite as well netted or as early; skin light greenish yellow when ripe. A very delicious, large salmon-fleshed melon with superior shipping and keeping qualities. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Delicious Best described as an early strain of the Bender melon, a trifle smaller in size. Light green, finely netted, oval fruits. Firm, tender flesh of a beautiful deep orange-yellow color. Pkt., 10c; oz., 20c; ¼ lb., 50c.

***Emerald Gem** Small to medium size; skin deep green, generally smooth; flesh thick, rich salmon, not surpassed in richness and flavor. But few varieties are so nearly certain to produce uniformly good melons. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Extra Early Hackensack Above medium size, nearly round; flesh green, a little coarse but juicy, sweet and of good flavor. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Hale's Best New early variety of fine flavor. The rich salmon flesh is very thick, leaving only a very small seed cavity. Fruits are oval-shaped with a heavy netting. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Honey Dew The average size of the melon is six inches in diameter and seven to eight inches in length. The flesh is an emerald-green, very thick, melting, and fine grained; can be eaten to the extreme rind. The seed cavity is very small, the rind impervious to water. The melon does not shrink in weight, is not easily bruised, and is a splendid shipper. It is later than Rocky Ford strains and is very prolific. Pkt., 10c; oz., 20c; ¼ lb., 50c.



Bender's Surprise Muskmelon

***Honey Rock** Very prolific and early, almost round, 5 inches across, of medium size, rich salmon flesh of fine quality and ripens uniformly. Sweeter than Rocky Ford but without the sweetness of Honey Dew, fine for home use and market. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Montreal Nutmeg The fruits are of the largest size, often attaining a weight of fifteen pounds. Shape nearly round, flattened at the ends. The flesh is about two inches thick, light green, and of a delicious flavor. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Osage or Improved Miller's Cream Of medium size, oval, dark green, shallow netting; flesh deep salmon, thick, very firm, sweet and of rich flavor. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Rocky Ford More largely grown than any other of the small or basket melons. Oval, slightly ribbed, densely covered with fine netting; flesh green, thick and of rich flavor. Pkt., 10c; oz., 20c; ¼ lb., 50c.

WATERMELONS ANYONE WHO HAS LIGHT, SANDY SOIL CAN RAISE GOOD WATERMELONS

1 oz. will plant about 25 hills; 4 lbs. to the acre.

The culture of the Watermelon is mainly the same as recommended for the Muskmelon; hills should, however, be about 10 feet apart.



Cole's Early Watermelon

Cole's Early Small but very early; of fine quality and sure to mature in any latitude where melons can be grown. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Harris' Earliest A new extra-early variety, large and of exceptionally fine quality. Slightly oval, mottled in stripes of light and dark green. Flesh bright red. One of the most desirable for planting in the North. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Mountain Sweet An old favorite, early, productive and of good quality. Fruit long, dark green; flesh scarlet. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Peerless or Ice Cream Of medium size, oval, dark green; flesh scarlet, very sweet. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Phinney's Early A standard early variety of medium size, oval, marbled light and dark green; flesh pink, sweet and crisp. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Sweetheart Large, oval, very heavy; rind thin but firm, mottled light and very light green; flesh bright red, tender, melting and sweet. Retains its good qualities for a long time after ripening. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Citron For preserving only. Pkt., 10c; oz., 20c; ¼ lb., 50c.

ONIONS FOR HOME AND MARKET

Salads—Soups—Seasoning—Pickles

1 pkt. will sow 50 ft. of drill; 1 oz. about 200 ft.; 4 to 5 lbs. per acre.

Onions are very healthful and wholesome, probably used more often in the kitchen than any other vegetable, either in connection with other foods for seasoning or in many of the delicious ways to prepare them for their own tempting goodness. Highly prized for their tonic qualities, and doctors everywhere recommend the use of onions in the diet because they are wholesome and nutritious.

Onions are not hard to grow. They like a clean, rich soil. Sow as early as possible in drills 1 foot apart.

Ailsa Craig Of mammoth size, larger than the Prizetaker, oval-shaped, pale straw colored skin; of very mild flavor. Extra large onions can, however, be obtained by sowing seed early in the spring in the hotbed and transplanting to the open ground. Pkt., 10c; ½ oz., 30c; oz., 50c.

***Early Yellow Globe** This is a yellow, globe-shaped onion with a fine yellow color, a good winter keeper, as its skin is very thick. It will mature three weeks earlier than Danvers and yields very heavily. Pkt., 10c; ½ oz., 30c; oz., 50c.

Southport White Globe Of true globe shape. Later than White Portugal; keeps better and, like all globular varieties, a greater weight can be obtained on the same area. Pkt., 10c; ½ oz., 30c; oz., 50c.

***Yellow Globe Danvers** The standard variety for winter use in the eastern markets. Produces well-ripened bulbs, averaging two inches in diameter. Skin light golden brown or pale yellow, flesh pure white, crisp, and mild in flavor. The plants have very slender necks, and consequently the bulbs keep well over winter. On account of their attractive shape and color and their excellent keeping qualities, they always bring a good price in the markets. Selected strain. Pkt., 10c; ½ oz., 30c; oz., 50c.



Onion,
Prizetaker

White Portugal or Silverskin An early white, flat variety, of medium size and mild flavor. Pkt., 10c; ½ oz., 30c; oz., 50c.

Large Red Wethersfield The standard red variety. Bulb large, flattened but thick; skin deep purplish red. The best of all for light soils. Pkt., 10c; ½ oz., 30c; oz., 50c.

Prizetaker Grows to an immense size and for fall marketing is unexcelled. Although of such great size, it is very hardy and a fair winter keeper, as it ripens up hard and firm. Very fine grained and of mild delicate flavor. The outside skin is rich yellow while the flesh is white. Pkt., 10c; ½ oz., 30c; oz., 50c.

PARSLEY For Seasoning, Garnishing

One ounce will sow 200 feet of drill.

Always required for garnishing, also used for flavoring soups and stews and in salads.

Culture. Sow early, seed is slow to germinate; early radishes can be sown in same row and will be used before parsley is up. A rich soil is best, but parsley will thrive in any soil.

Champion Moss Curled This is a prize winning English variety. Handsome, compact plants. Leaves have the appearance of finely curled moss. Hardy and slow to run to seed. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Plain Leaf The leaves of this variety are flat, deeply cut but not curled. Desirable for flavoring soups and stews, and for drying. The curled sorts are more extensively used for garnishing. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Paramount One of the best Triple Curled Parsleys we have ever seen. The leaves are a beautiful dark green, very finely curled and extremely uniform. One of the All-America selections. Pkt., 10c; oz., 20c; ¼ lb., 50c.



White Globe Onion Sets

ONION SETS

1 lb. will plant 100 feet of row; 250 to 335 lbs. per acre.

We do not deliver Onion Sets free, purchaser pays transportation. Onion Sets weigh 1 pound per quart. For parcel post zone rates see back of order blank.

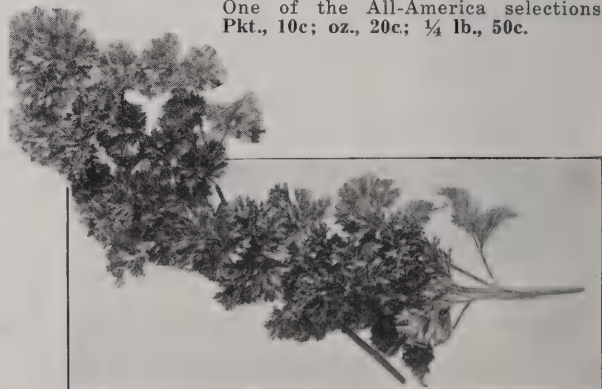
These sets will provide small green onions in 2 to 3 weeks after planting seeds, and are an important crop to precede the seed-sown varieties. They mature large onions much earlier than can be grown from seed. May be planted in early spring as soon as danger of freezing is past.

White Globe Lb., 30c; 4 lbs., \$1.00; 8 lbs., \$1.60.

Yellow Globe Lb., 30c; 4 lbs., \$1.00; 8 lbs., \$1.60.

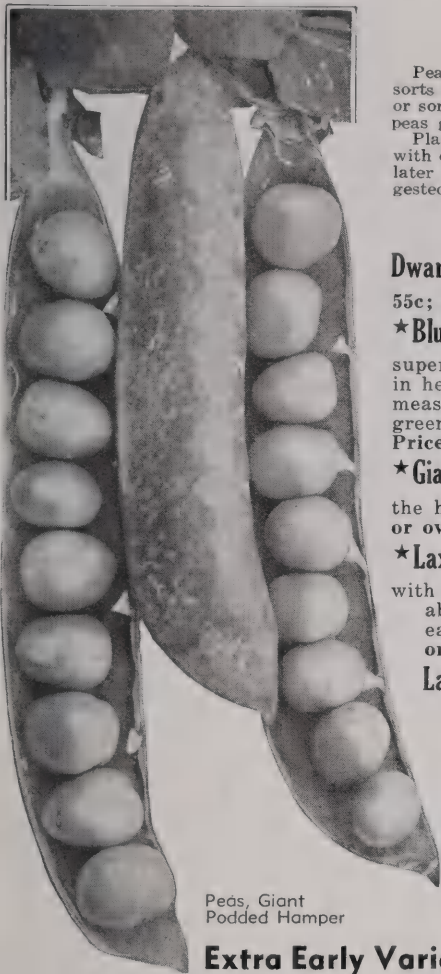
Egyptian or Perennial (For delivery in September.) Lb., 25c; 4 lbs., 80c; 8 lbs., \$1.40.

Special Prices On Bushel Lots.



Champion Moss Curled Parsley

Good Garden Peas Sweet and Tender Varieties



Peas, Giant Podded Hamper

Inoculate This Seed With NOD-O-GEN.

One lb. will plant about 100 ft.; 70 to 85 lbs. an acre.

Peas of the extra early, smooth class are first to be planted in the spring. The wrinkled sorts follow later, as they are not quite so hardy. The tall, late varieties need brush, wire or some other support. Though light, warm soil is desirable for the extra early varieties, peas generally produce a much larger crop on soil which is moderately heavy.

Plant the early and dwarf varieties in drills $2\frac{1}{2}$ feet apart and 3 or 4 inches deep, cover with only 1 inch of soil and fill the trench gradually as plants grow. Plant the taller and later varieties in rows 3 to 4 feet apart and 5 to 6 inches deep, covering as already suggested. The tall, late varieties, plant in double rows.

Extra Early Dwarf Varieties

Dwarf Telephone or Daisy Pods large; peas wrinkled, sweet and tender, a heavy bearer. Height, 18 inches. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 24c per lb.

***Blue Bantam** An Extra Early Dwarf Producer. The best early dwarf wrinkled peas. It is unequaled for combination of extreme earliness, superb quality and unusual productiveness. Vigorous vines average 15 inches in height and carry extra heavy crops of long, deep bluish green pods. Pods measure 4 to $4\frac{1}{2}$ inches long, tightly packed with 8 to 10 large deep bluish green peas. A rough recommendation tested and proved for its fine quality. Price: Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 24c per lb.

***Giant Podded Hamper** Large pods $4\frac{1}{2}$ to 5 inches long, dark heavy vines about 22 inches high, maturing in 65 days. One of the heaviest yielding early peas grown. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 24c per lb.

***Laxtonian** A Grand Early Marrow Dwarf Pea. Vigorous and Dependable Grower. The pods are not only large, but are always well filled with peas of great size and remarkable good quality. The crop is ready for use about a week later than the earlier sort. The vines grow 18 inches high and each pod contains 8 to 9 peas. Price: Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 24c per lb.

Laxton's Progress A New Dwarf Variety, 18 Inches Tall. Ready a few days earlier than Laxtonian. Pods 4 inches long with 8 to 10 large sweet peas. Vines average 18 inches in height, bearing heavy crops in 53 days. Price: Pkt., 15c; 1 lb., 30c; 2 lbs., 55c; 10 lbs. or over, 24c per lb.

Little Marvel A prolific early dwarf garden pea. Recommended to the home gardener. Pods average 3 to 4 inches long. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 24c per lb.

Nott's Excelsior Extra early dwarf growth. Excellent for home garden; hardy and vigorous, and will mature in 60 days. The pods are filled with 7 to 9 large peas, superior in sweetness and quality. Large and vigorous vines bearing an enormous yield. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 24c per lb.

Sutton's Excelsior The vine is of more vigorous growth than the Nott's Excelsior, a little taller, fully as productive and matures its crop nearly as early, while both pods and peas are decidedly larger. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 24c per lb.



Blue Bantam

Extra Early Varieties—Taller Growth

Alaska Very early, smooth, blue pea. Popular with canners and market gardeners for a first early sort. Height, $2\frac{1}{2}$ feet. Foliage and pods light green; pods $2\frac{1}{2}$ inches long, round, straight and square ended, containing 6 light green peas. Very uniform in maturity. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 24c per lb.

***Rogers' Gilbo** The vines grow about 2 feet high. Pods are $4\frac{1}{2}$ to 5 inches long, and will mature in about 69 days from planting. This pea is very hardy so can be planted earlier than other wrinkled sorts. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 24c per lb.

Gradus A remarkable variety, combining earliness and peas of largest size and best quality. Mature soon after Nott's Excelsior. Vine resembles the Telephone but is only 3 to $3\frac{1}{2}$ feet high on rich land; productive. Pods 4 inches long, straight, slightly curved at end, light green, well filled. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 24c per lb.

Market Surprise This is a smooth seeded sort, and, like all of the class, may be planted very early. It is the earliest maturing variety to date, vines growing to a height of about 30 inches, bearing abundantly pods 3 to $3\frac{1}{2}$ inches long, well filled with peas of the finest quality. Every garden, large or small, should give this new sort a trial. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 24c per lb.

Thomas Laxton Vine of about the same height as the Gradus, of similar habits but much darker, harder and more productive. More attractive and better filled with peas as large and equal in quality. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 24c per lb.

Ross' World's Record A large, early wrinkled pea with pods $3\frac{1}{2}$ to 4 inches long. The pods are well filled with peas of excellent quality. The vines are vigorous, growing about 36 to 40 inches high. Peas are ready to pick 4 to 5 days before Gradus. A variety which should be in every garden. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 24c per lb.

Second-Early, Medium and Late Varieties

Alderman This midseason pea, tall growing, is of English origin, and a few days later than the "Improved Telephone." Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 24c per lb.

Champion of England Vine $4\frac{1}{2}$ to 5 ft. high; productive. Pods $2\frac{3}{4}$ to 3 inches long, broad, well filled. Peas of medium size. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 24c per lb.

***Improved Telephone** Extensively grown. Vine $3\frac{1}{4}$ to 4 feet. Productive on good soil. Pods large. Peas above medium size, of best quality. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 24c per lb.

Ross' Giant SELECTED PEPPERS

An ounce will produce from 1500 to 2000 plants.

Sow in hotbed in March or April; transplant in open ground when all danger of frost is over, in rows 3 feet apart and 2 feet apart in the row. Seed can be sown outside late in May. Cover seed one-half inch and thin as above.

Bell or Bull Nose Large, bell-shaped, thick-fleshed and less pungent than some other sorts. Good for filling. Pkt., 10c; ½ oz., 30c; oz., 50c.

Harris Early Giant The earliest known pepper and for the far North the most desirable. Plant very dwarf and compact in growth and extremely productive. Fruit 3-lobed, 3½ inches in length by 2½ inches in diameter, very mild and sweet. Pkt., 10c; ½ oz., 30c; oz., 50c.

California Wonder A midseason variety, mild and sweet, about 4½ inches long by 4 inches in diameter. Heavy walls, bright green changing to brilliant crimson. Pkt., 10c; ½ oz., 30c; oz., 50c.

Long Red Cayenne Fruit very slim, pointed, about 4 inches long, and when ripe, bright red. Extremely pungent. Pkt., 10c; ½ oz., 30c; oz., 50c.

Neapolitan A great market variety on account of its earliness and productiveness. Grows about 3½ inches long and is remarkably sweet. Pkt., 10c; ½ oz., 30c; oz., 50c.

Red Cherry Pkt., 10c; ½ oz., 30c; oz., 50c.

Red Chili Pkt., 10c; ½ oz., 30c; oz., 50c.

Ruby Giant A hybrid of Ruby King and Chinese Giant. It combines the large size of Chinese Giant and the productiveness, shape and color of the Ruby King. The flesh is thick, mild and sweet. Often 5 inches long. Pkt., 10c; ½ oz., 30c; oz., 50c.

Squash or Tomato Shaped Fruit flat or tomato-shaped and somewhat ribbed; flesh thick and slightly more pungent than other large sorts, early and sure to mature. Pkt., 10c; ½ oz., 30c; oz., 50c.

Sweet Mountain Fruit very large, often 8 inches long by 2 inches in diameter. Flesh thick, sweet and mild. Pkt., 10c; ½ oz., 30c; oz., 50c.



Windsor "A"
Pepper

Windsor "A" It is a thick-walled type, very desirable for home or garden use. The plant is of medium height and very prolific. The fruits are sweet, smooth, thick meat and very little wrinkled or furrowed, mostly three-lobed, occasionally, however, blunt-pointed without lobes. This pepper has the advantage of being extremely early and having a very heavy first set of fruit. Pkt., 10c; ½ oz., 30c; oz., 50c.

World Beater Large, smooth, beautiful Peppers. Mild flavor, very early to ripen. Very prolific. Pkt., 10c; ½ oz., 30c; oz., 50c.

Two Excellent Peppers—Ruby Giant and Windsor "A"

HEAVY BEARING PEANUTS

Spanish The best variety. An early, heavy bearer; bushes growing close, so very easily cultivated. Best re-cleaned seed stock. Pkt., 10c; lb., 40c, pospaid. By express, 10 lbs. or more, 35c per lb.



Tasty Parsnips

A DELICIOUS WINTER VEGETABLE

One ounce will sow 200 feet of drill; 6 lbs. are required for an acre.

A vegetable for all winter use, with a rich, sweet flavor that most people like. Easily and cheaply grown.

Culture. Sow early in the spring, seed is slow to germinate. Sow one-half inch deep in rows two feet apart. Thin to five inches in rows. Frost sweetens them; can be left in the ground all winter.

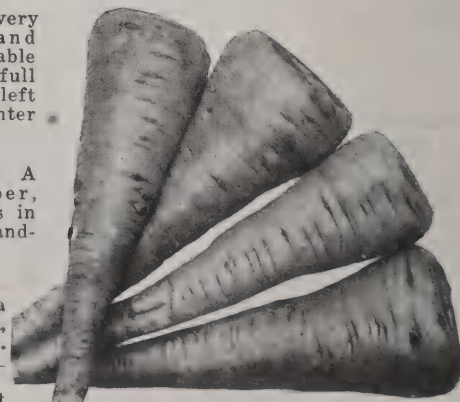
Arlington Long Smooth Roots very long and smooth, with full crown, desirable for deep soil and, owing to the full crown, is less liable to rot if left in the ground through the winter than the Hollow Crown.

***Hollow Crown** (110 days.) A good cropper, roots 15 inches long, 3 inches in diameter at the top. An old standard variety.

PRICES

Of each variety we offer a choice selected strain. Each, pkt., 10c; oz., 20c; ¼ lb., 50c.

For Good Crops It Is Important
to Plant Ross' Selected Seeds.



Hollow Crown Sugar Parsnips

POTATOES

Certified Maine Grown

Obtainable from April 1st to June 1st



Green Mountain Improved

Chippewa★

A Companion Potato with Green Mountain.

The Chippewa is a recent introduction of the United States Department of Agriculture. It is a high yielding Potato, highly resistant to mild mosaic. It has a velvety white skin with very shallow eyes; regular in outline, oblong to elliptical in shape. It matures earlier than the Green Mountain and other late maturing varieties. It consistently produces an attractive tuber with a very high percentage of No. 1 Potatoes. A distinct advantage possessed by the Chippewa is its maturity before the usual time of digging the late crop. While it is not classed as an early variety, it matures somewhat earlier than Green Mountain and other late maturing varieties. 100 lbs., \$2.20; 60 lbs., \$1.50; 30 lbs., 85c; 15 lbs., 50c.

Culture. Cut the seed into pieces, having 2 or 3 eyes. Plant in furrows 3 feet apart and 12 to 15 inches apart in the row. One peck of potatoes should be sufficient to plant 75 to 100 hills; 10 to 14 bushels are required to plant an acre. Potatoes do best on new soil and will respond generously to fertilizer applications. Cultivate by bringing the soil well up around the plant. Spray or dust the plants for insects and blight.

Green Mountain Improved★

The most popular Potato in the world; ideal for Maine crops, and excellent for baking. A dependable winter keeper.

A reliable medium late Potato that is so popular in some sections it has superseded all other main crop varieties. It seems to thrive in all soils and in all localities, making heavy, healthy vines and yielding big crops of large, smooth white thin tubers of handsome flattish oval form. They cook white, dry and mealy.

This Improved Green Mountain is approved and recommended by Ross Brothers.

Maine Certified Seed: 100 lbs., \$2.10; 60 lbs., \$1.45; 30 lbs., 80c; 15 lbs., 45c.

Irish Cobblers

An early, white-skinned variety, very short, thick, inclining to round. This is yearly increasing in popularity for the early market. Ready for market about ten days earlier than the Early Rose; tubers are uniformly larger and in average production of large crops it is not equaled by any of the extra early varieties, nor greatly surpassed in yield by any of the main crop varieties. The vine is very stocky and vigorous, not as liable to be affected with blight or to suffer by drought as most others. A dependable early variety. Maine Certified Seed, 100 lbs., \$2.10; 60 lbs., \$1.45; 30 lbs., 80c; 15 lbs., 45c.

Katahdin

The Long Keeping Potato.

Originated by the U. S. Department of Agriculture and promising to become the outstanding late Potato for market or storage. It was originated in Maine, by double crossing unnamed seedlings of Rural New Yorker No. 2 and Aroostook Wonder parentage. It was bred for disease resistance, quality and yield. During the eight years it was under observation, it has been entirely free from mild mosaic. In yields it has constantly surpassed Rural New Yorker or Green Mountain. The tubers are smooth, short, elliptical to roundish, and have few, very small eyes. The crisp white flesh has a distinct desirable cooking quality which appeals to the housewife. Maine Certified Seed, 100 lbs., \$2.10; 60 lbs., \$1.45; 30 lbs., 80c; 15 lbs., 45c.

Potato Prices

Our Potato prices are based on the market value at the time our catalog goes to press, and subject to change without notice. This applies to both advance and decline and based at prevailing market prices at time of purchase.

Herbs

	Pkt.		Pkt.
Anise	\$0.10	Lavender	\$0.10
Caraway .....	.10	Marjoram, Sweet .....	.10
Catnip .....	.10	Sage .....	.10
Coriander .....	.10	Savory, Summer .....	.10
Dill .....	.10	Sweet Basil .....	.10
Fennel .....	.10	Thyme .....	.10

Bird Seeds

**Best Recleaned;
For Feeding Only**

	Lb.	100 lbs.		Lb.	100 lbs.
Canary	\$0.13	\$ 9.00	Rape	\$0.25	\$18.00
Hemp .....	.15	10.50	Sunflower, striped .....	.12	9.50
Lettuce .....	.30	28.00	Flax .....	.16	11.00

Seeds Used for Flavoring and Pickling

	Oz.		Oz.
Caraway	\$0.20	Dill	\$0.10
Celery .....	.10	Fennel .....	.20
Coriander .....	.20	Mustard .....	.10

FORMALDEHYDE

Prevents Potato Disease and Insures a Clean Healthy Crop.

Directions for treatment of potatoes for common scab, black scurf or rhizoctonia, and black leg, cold method:

Soak the uncut tubers 1½ hours in solution of one pound formaldehyde in 30 gallons of water. If tubers are first dipped in or sprinkled with water, then covered with burlap sacks to keep them moist for a day or two before treatment, soaking period may be decreased to one-half hour and the effectiveness increased. See page 68.

Radishes - Tender - Crisp - Easy to Grow

An ounce will sow 100 feet of drill.

The secret in growing good Radishes consists chiefly in the observance on the part of the grower of three points. First, they should be grown on light quick soil. Second, they should be given plenty of water, and last, but by no means least, the right kind of seed should be sown. For the first crop sow as early in spring as ground can be worked, and every two weeks throughout the season.

A warm, sandy loam, made rich and light by strong manure, is best. Sow in drills 10 to 12 inches apart. The winter varieties should be sown in July and August. One ounce will sow 100 feet of drill, 8 to 10 pounds per acre.

★Early Scarlet Globe A very early globe-shaped Radish suitable for open ground. The Radishes are of handsome shape, attractive bright red, and are crisp, solid and of the finest quality. They grow so rapidly that under favorable circumstances they may be pulled 20 days from sowing the seed. This is the most popular



Crimson Giant

variety for forcing. Our seed is of the very finest strain grown from transplanted roots and will be found unsurpassed. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25.



White Strassburg

Scarlet Globe For forcing. 21 days. Top short but long enough for bunching. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Crimson Giant An early but large, round or slightly globular Radish adapted for either forcing or outdoor cultivation. While it grows much larger than other forcing varieties, it does not become pithy under glass, nor outdoors, even when it is twice as large and older. Beautiful crimson-carmine, attractive and of fine quality. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25.

Early Scarlet Turnip A small, round variety, with small tops; quick grower. Popular for forcing and outdoors. Deep scarlet. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25.

Early Scarlet Turnip White Tipped. Root nearly round, slightly flattened at bottom, bright scarlet with tip of clear white, early and attractive; suitable for forcing and outside planting. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25.

Early Long Scarlet Short-Top. Once the most popular Radish but has been largely displaced by the round varieties; 6 to 8 inches long, matures in 25 to 30 days. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25.

Early White Giant Stuttgart Root large, clear white, often 4 inches in diameter. Can be stored for winter use. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25.

French Breakfast Stump-rooted; about 3 inches long. Bright scarlet, tipped white. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25.

Long Black Spanish Winter One of the hardiest and best for winter use. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25.

Round Black Spanish White flesh with black skin. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25.

★White Icicle The earliest pure white, long, summer Radish. Roots when matured are 5 to 6 inches long by about ½ inch in diameter. One of the best outdoor summer Radishes. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25.

White Strassburg A fine summer variety, growing about 4 inches long and 2 inches thick. Pure white. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25.

Pumpkin for Pies - for Stock

An ounce will plant 50 hills.

Small Sugar The popular variety in New England for pies; fine-grained and sweet. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00.

Large Cheese or Kentucky Field Shape flat, skin of rich cream color when ripe, flesh tender and of fine quality. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

Connecticut Field The standard variety for feeding stock. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00.

Jumbo or King of the Mammoths The largest of all Pumpkins. Skin, orange-salmon; flesh, bright yellow, very thick, fine grained and of excellent quality for pies. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25.



Early Scarlet Globe



Connecticut Field Pumpkin

Spinach is good for You

BUT FRESH SPINACH FROM YOUR OWN GARDEN TASTES BETTER

An ounce will sow 100 feet of drill, 14 to 16 pounds to the acre. Culture. For spring and summer use, sow in drills one foot apart and one inch deep, as early as the ground can be worked, and every two weeks for a succession. For winter and early spring use sow in September in well-manured ground; cover with straw on the approach of severe cold weather. The ground cannot be too rich.

Bloodsdales Long Standing In appearance quite similar to the Bloodsdales strain, the leaves being more intensely green. On account of the low per cent of male plants it stands heat remarkably well. After other kinds have gone to seed this will stand for a long time. Pkt., 10c; oz., 20c; ¼ lb., 50c.

***Early Giant Thick-Leaved** Leaves very large and thick, deep green, attaining a size suitable for use early and plant grows to a large size before running to seed. Pkt., 10c; oz., 20c; ¼ lb., 50c.



Bloodsdales Long Standing Spinach

King of Denmark Pkt., 10c; oz., 20c; ¼ lb., 50c.

Old Dominion Blight resistant. Crossed between Virginia Savoy and King of Denmark, used for fall seeding. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Princess Juliana (New). The best second-early variety. Plants grow close to the ground and have dark green crumpled leaves which retain their crispness for a long time after being cut. Pkt., 10c; oz., 20c; ¼ lb., 50c.

***Summer Savoy** This strain of Long Standing Bloodsdales is fine for a summer crop as it will stand hot weather well. It is a little darker than Bloodsdales Long Standing. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Savoy-Leaved, or Bloodsdales The earliest variety and used almost entirely for fall sowing, as it runs quickly to seed in warm weather. Leaves of medium size, dark green, pointed and crimped. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Savoy, Virginia Yellows-Resistant It will grow on disease-infested soil and produce a crop where others fail. Pkt., 10c; oz., 20c; ¼ lb., 50c.

New Zealand The hot weather Spinach. Leaves and stems are succulent and tender. May be picked frequently during the summer. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Rhubarb - A Real Spring Tonic

FRESH AND DELICIOUS

The roots can be raised from seed sown in spring, and are ready to transplant to the permanent bed the next spring. The seed must be sown in fine, rich soil, and the seedlings must have good care.

Victoria The most popular variety, fine for family use and market. Comes quite true from seed. Pkt., 10c; oz., 25c; ¼ lb., 90c.

Rhubarb Roots Sent by express or parcel post at buyer's expense. 2 for 25c.

Salsify or Vegetable Oyster

An ounce will sow 50 feet of drill.

Sow early and deeper than parsnip, otherwise culture is the same and, like parsnips, roots, if desired, may be left in the ground through the winter, but should be dug very early in the spring, as they deteriorate after growth commences.

Mammoth Sandwich Island Larger, of strong growth, and less liable to grow spongy than the old Long White. Pkt., 10c; oz., 25c; ¼ lb., 90c.

Raffia for Tying

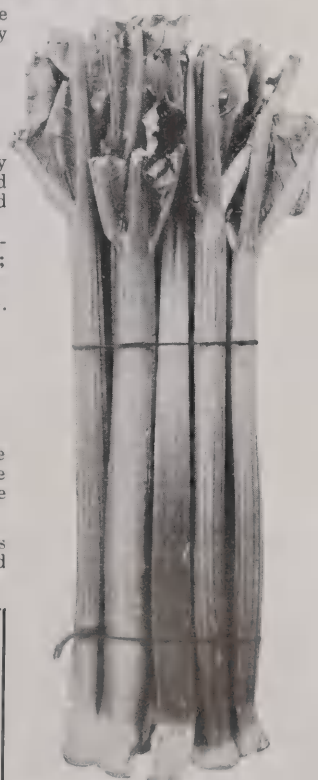
Raffia is the straw-colored inner skin of a palm found in Madagascar. It is very strong and tough but soft and flexible, which makes it the very best material for tying vegetables, plants, vines, etc. It is better than twine, as it does not cut the plants and is much stronger. It is also used for making baskets. Raffia comes in hanks of from 1 to 5 pounds. We offer the best grade. Price per pound, 45c, not postpaid.



Summer Savoy Spinach



Salsify



Victoria Rhubarb

SQUASH for Summer and Winter Use

An ounce will plant from 10 to 25 hills.

Squash seed should be planted at about the same time and in the same manner as cucumbers and melons. The hills should be 9 feet apart each way, slightly elevated and highly manured. Bush varieties may be planted closer together. Use plenty of seed, as the bugs will destroy some plants.

★Blue Hubbard Special Market Gardeners' strain.

The Symmes Blue Hubbard is an entirely distinct variety resembling the Warty Hubbard in shape. It is a pale light blue color, very thick meated, dry and very sweet; its eating qualities can not be surpassed. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75.

Chicago or Warty Hubbard W. A selection of the Hubbard, with thickly warty shell. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.50.

Golden Hubbard A rich orange-red instead of the dark olive-green of the old Hubbard, the flesh is thick and a little deeper colored. Good quality, fine grained and dry. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.40.

★**Green Hubbard** W. A well-known and favorite winter variety, more largely grown than any other. We offer a choice strain, considered by some of our customers to be superior to the popular Chicago Hubbard. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.

Delicious A fall and winter variety. Color, usually dark green. Shell moderately hard but very thin; flesh thick, very fine grained, sweet and of finest flavor. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.40.

★**Golden Delicious** A fine home garden variety. Medium size, with deep orange shell and thick orange flesh. A good keeper. Pkt., 10c; oz., 20c; lb., \$1.40.

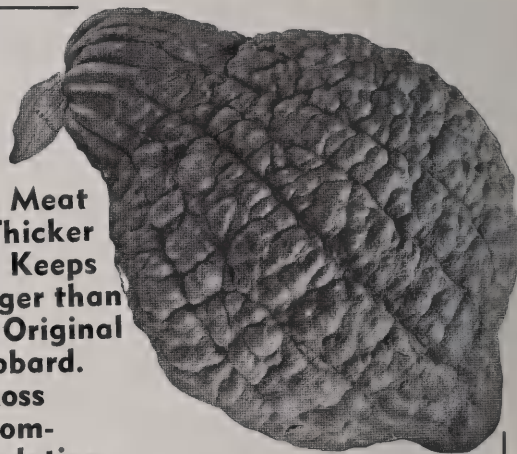
Essex Hybrid An old, well-known orange turban sort. Flesh is dry, sweet and thick, bright orange color. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.40.

Early Summer Crookneck For early planting the Crookneck type is used in New England to almost the exclusion of any other. This, while much smaller than the Mammoth Crookneck, is yet largely grown, many considering it of better flavor. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.40.

Mammoth Summer Crookneck Vine larger and of more vigorous growth than the Summer Crookneck. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.40.

★**Early Giant Summer** Early, mostly straight necked and much larger than the Summer Crookneck. A fine quality, growing from 14 to 16 inches long. Extensively used by market gardeners and exceptionally good for home gardeners. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.

The Meat is Thicker and Keeps Longer than the Original Hubbard. A Ross Recommendation.



Blue Hubbard Squash

Early Prolific Straightneck It is 10 days earlier than other Summer Squashes. The squash is smaller than the old Straightneck, smooth and has a clear yellow color. The vine is dwarf and very prolific. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.

Italian Vegetable Marrow Dark green at first, becoming marbled with yellow as they mature. The young fruits when fried in oil, constitute a vegetable delicacy very popular. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.40.

Boston Marrow Grows larger than either the Prolific or Orange Marrow, but not so deep color. Skin thin, yellow, with pinkish tint. Desirable for pies. Not so dry as the Hubbard. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.40.

Table Queen or Des Moines Desirable for home and market garden use. Acorn-shaped fruit, ribbed, smooth, thin shelled, dark green, flesh light yellow, bakes well, with sweet inviting flavor. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.40.

Golden Table Queen or Des Moines Similar to the green. Rich, buttery, sweet, golden flesh, ¾ in thick. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Warren Turban Has a shell generally harder and thicker than the Essex Hybrid. The color is a deeper and richer orange, while the quality is decidedly better. Grown very extensively by market gardeners. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.



Acorn or Small Table Squash

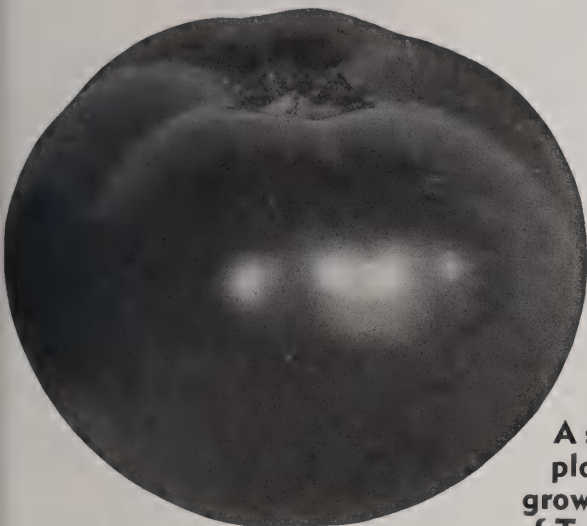


Delicious Squash

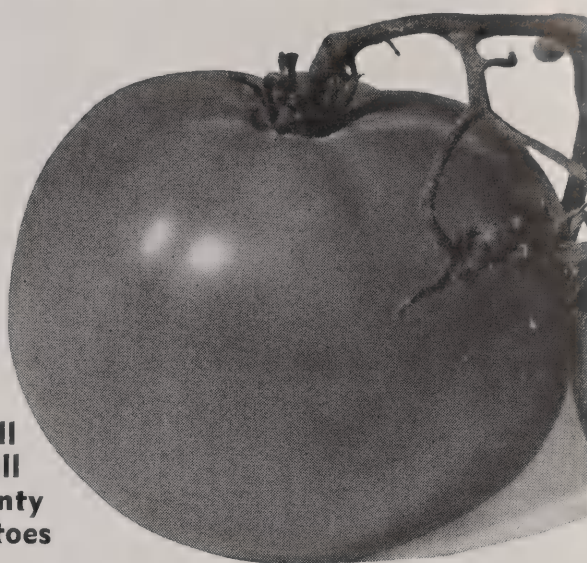


Early Giant Straightneck Squash

Good Garden Tomatoes *Fresh Crop Seed*



Bonny Best, A Fine, Extra-Early Variety



Marglobe Is Wilt-Resistant

A small plot will grow plenty of Tomatoes

Tomatoes are to be found in every garden. They are easily grown and can be used in so many different ways. It is well to grow an early as well as a main-crop, whether they are for home use or market. The main crop is, of course, more desirable for canning.

CULTURAL DIRECTIONS

An ounce will produce about 2,000 plants.

Tomatoes do best on light, warm, not over-rich soil. Sow in hotbed or window-box (where 60 degree Fahrenheit is the minimum night temperature) in March, in rows 3 inches apart and $\frac{1}{2}$ inch deep. Cover firmly. Later sowings may be made to the end of April. When seedlings are 3 inches high, transplant 4 inches apart each way in hotbeds, cold frames, or singly in 3-inch pots. Harden plants by exposing to the air occasionally. After warm weather is settled, set out plants 3 to 4 feet apart each way in hills, into each of which fertilizer has been previously mixed. Water freely at time of transplanting and shelter from sun until plants are well established.

Acme Vine hardy and productive. Fruit in clusters of four to five, round, smooth and of good size; flesh solid and of excellent flavor. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.25.

Beauty Fruit large, very smooth, excellent flavor, color purplish pink. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.25.

***Bonny Best** Large size tomatoes, bright scarlet in color. Excellent variety for the canner as it yields from 12 to 15 tons to the acre. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.25.

Comet An excellent greenhouse sort, heavy yielder. Pkt., 10c; $\frac{1}{2}$ oz., 35c; oz., 60c; $\frac{1}{4}$ lb., \$2.00.

Dwarf Champion Dwarf, compact, upright growth. Fruit smooth and solid. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.25.

Dwarf Stone The best of the large fruited dwarf tomatoes. Fruit very red and smooth. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.25.

Golden Queen Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.25.

***John Baer** The rich, scarlet-red fruits are thick and slightly flattened at the top; smooth, firm and of medium large size. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.25.

Michigan State Forcing New wilt-resistant variety. Fruit deep red, globular, and of excellent quality. A good forcing variety. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.25.

***Marglobe** Resists rust and wilt. Almost round; of large size and bright red color. It is one of the most productive tomatoes in cultivation. Marglobe is early and continues bearing over a long period of time. It possesses a delicious flavor, and the tenaciousness of its skin minimizes cracking of the fruit. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.25.

Mingold Early, heavy fruiting yellow tomato. The season of Bonny Best with shape and size of Marglobe. Fine for juice. Pkt., 25c.

Ponderosa A large smooth tomato. Color, deep purple. The fruit is exceptionally solid, with few seeds and is quite free from acid. Ideal for shipping. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c; $\frac{1}{4}$ lb., \$1.50.

***Pritchard** A great advance in the early class. Ripens with Earliana and ahead of Bonny Best. A cross between Marglobe and Cooper's Special. Good size, intense scarlet, solid, almost no core, small seed pockets; valuable for both market and home garden. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.25.

Rutgers Wilt-resistant. Has thick outer and inner walls of solid meat. It is globe-shaped, scarlet-red in color, resembling Marglobe. Ripens first in the center of the fruit so that when red on the outside, the tomatoes are ripe all through. Rutgers is in great demand for all purposes. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.25.

Sparks' Earliana A deep red tomato. The vines are compact in growth, with short, close-jointed branches. Extra early and the best so far produced. Very productive. Fruit fair size and firm. Ripens 108 days from date of sowing seed. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.25.

Stone Vines vigorous and productive; fruit large, smooth, deep red in color, and heavy. The best all around variety where earliness is not important. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.25.

Red Plum (Italian). Pkt., 10c.

Yellow Plum Pkt., 10c.

Yellow Husk or Strawberry Pkt., 10c.

Have You Ever Grown Small Fruited Tomatoes—Decorative and Delicious

Dependable Table Turnips

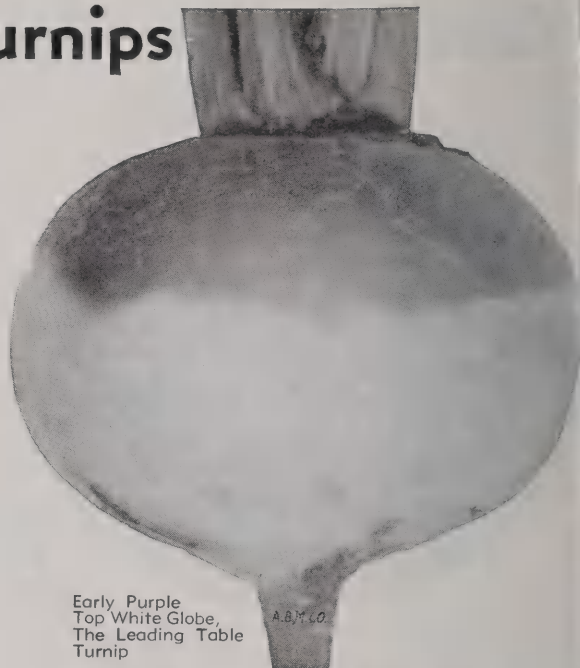
An ounce will sow 200 feet of drill. If sown in drills, one pound is required for an acre; if sown broadcast, less seed is sufficient if sown evenly.

Culture. For early, sow seed of flat varieties in open ground in spring in drills one foot or more apart, using seed sparingly. Thin to 3 or 4 inches apart. For succession, sow every two weeks until June. For fall and winter, sow in July and August. A good crop may often be grown by scattering seed thinly in the corn-field at last cultivation. For Rutabagas, sow seed in seed-bed in spring and transplant to good warm soil in rows at least 2 feet apart and 8 to 10 inches apart in the rows, or sow in open ground during June and early July. Take up roots just before winter, top and store in cool cellar, or pit outdoors.

Early White Milan Roots flat, smooth and symmetrical, pure white. Top very small, upright, and compact, permitting close planting. The earliest and much the best of any extra early white variety. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Early Purple Milan Differs from the preceding in that the roots are not quite so thick and are purple on top. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Early Purple-Top Flat A well-known variety and very extensively grown. Roots smooth, white, with the upper portion purplish red. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c.



Early Purple
Top White Globe,
The Leading Table
Turnip

A.B.T.C.

A Great Favorite

Early Purple Top White Globe

One of the handsomest varieties, the upper portion of the root being a purplish red, the lower pure white. A rapid grower, attaining a marketable size sooner than other large globular varieties. Of the best quality and an excellent keeper. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c.

***White Egg** More extensively grown than any other variety. White, egg-shaped, smooth and symmetrical, of medium size; flesh firm, sweet and mild. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c.

Golden Ball or Orange Jelly Of globular form, medium size, skin rich orange; flesh, pale amber, very fine-grained, mild and sweet. One of the most attractive, of the best quality and keeps well. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c.

Yellow Globe The standard yellow variety. The form is round, slightly flattened. Largely grown for stock, and to some extent for market. An excellent keeper. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c.

Cow Horn, or Long White Root long, slightly crooked and grows nearly half above ground. Clear white, except a little green at top. Though more largely used for feeding stock, it is a fine table variety, being tender and of mild flavor. Of very rapid growth. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c.

Swedish, Russian or Rutabaga

Ross' A-1 Globular in shape with short neck and small tap root, top deep purple color, flesh yellow and of very fine quality, also very hardy. We consider this one of the most attractive of the newer types of Rutabaga. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

White French, or Rock Also an old and popular sort. Roots a little longer than Sweet Russian, but does not otherwise differ. Valuable for table or feeding. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., 90c.

Shamrock A popular English Yellow Swede. A decided favorite with our local trade. Has short neck, shape oblong. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., 90c.



Long
Island
Improved
Rutabaga

SUCCESSFUL TOBACCO SEED

Connecticut Seed Leaf

A hardy cigar variety, well adapted to growing in the Middle and Northern States. Pkt., 10c; oz., 40c.

Havana Leaf very thin, fine texture. Much used for cigar wrappers. Pkt., 10c; oz., 40c.



The Finest Purple Top LONG ISLAND IMPROVED

This is undoubtedly the finest variety of Purple-Top Rutabaga. It grows much larger than other American varieties, is, therefore, desirable for stock, but equally desirable for the table and market, as it is tender and sweet and of very attractive appearance. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., 90c.

Reference Table

GARDEN SEEDS

	Per Acre		Per Acre
Artichoke, 1 oz. to 500 plants	½ pound	Kohl-Rabi, 1 oz. to 200 feet of drill	1½ pounds
Asparagus Seed, 1 oz. to 800 plants	4 pounds	Leek, 1 oz. to 200 feet of drill	4 "
Asparagus Roots	2500 to 7000	Lettuce, 1 oz. to 200 feet of drill	3 "
Beans, Dwarf, 1 pound to 100 ft. of drill ..	60 pounds	Melon, Musk, 1 oz. to 100 hills	2½ "
Beans, Pole, 1 pound to 100 hills	30 "	Melon, Water, 1 oz. to 25 hills	4 "
Beet, Garden, 1 oz. to 100 ft. of drill	6 to 8 "	Mustard, 1 oz. to 50 feet of drill	8 "
Beet, Sugar and Mangel, 1 oz. to 100 ft. of drill	5 "	Okra, 1 oz. to 50 feet of drill	4 to 5 "
Broccoli, 1 oz. to 3000 plants	4 ounces	Onion Seed for sets	30 to 50 "
Brussels Sprouts, 1 oz. to 3000 plants	4 "	Onion Sets, 2 pounds to 50 feet of drill ..	250 "
Cabbage, 1 oz. to 3000 plants	4 "	Parsnips, 1 oz. to 200 feet of drill	4 "
Carrot, 1 oz. to 150 feet of drill	2½ pounds	Parsley, 1 oz. to 200 feet of drill	4 "
Cauliflower, 1 oz. to 3000 plants	5 ounces	Peas, Garden, 1 pound to 100 feet of drill	100 "
Celery, 1 oz. to 10,000 plants	4 "	Pepper, 1 oz. to 1500 plants	4 ounces
Celeriac, 1 oz. to 10,000 plants	4 "	Potatoes	600 to 700 pounds
Chervil, 1 oz. to 8000 plants	4 pounds	Pumpkin, 1 oz. to 50 hills	3 "
Chicory	4 pounds	Radish, 1 oz. to 100 feet of drill	8 to 10 "
Collards, 1 oz. to 5000 plants	12 "	Sage, 1 oz. to 100 feet of drill	5 "
Corn, Sweet, ¼ pound to 100 hills	12 "	Salsify, 1 oz. to 60-foot row	8 "
Cress, 1 oz. to 150 feet of drill	12 "	Spinach, 1 oz. to 100 feet of drill	12 "
Cucumber, 1 oz. to 50 hills	2½ "	Squash, Summer, 1 oz. to 25 hills	4 "
Dandelion, 1 oz. to 200 feet of drill	2 "	Squash, Winter, 1 oz. to 10 hills	2 "
Dill, 1 oz. to 200 feet of drill	5 "	Tomato, 1 oz. to 2500 plants	3 ounces
Eggplant, 1 oz. to 2000 plants	4 ounces	Tobacco, 1 oz. to 5000 plants	1½ pounds
Endive, 1 oz. to 300 feet of drill	4½ pounds	Turnip, 1 oz. to 200 feet of drill	1 "
Kale, 1 oz. to 300 plants	4 ounces	Turnip, Rutabaga, 1 oz. to 150 feet of drill	1 "

GRAIN AND FORAGE CROPS

	Pounds per acre	Weight per bu.		Pounds per acre	Weight per bu.
Alfalfa	15-25	60	Oats, for grain	50-60	32
Barley, for grain	100	48	Oats, for forage	100	32
Barley, for forage	140	48	Peas, Field, Broadcast	150-160	60
Beans, Soy or Soja	60-75	60	Peas, with Oats	90-100	60
Buckwheat	50-75	48	Rye, for grain	60-75	56
Clover, Alsike	6-8	60	Rye, for forage	80-100	56
Clover, Crimson	18-20	60	Rape, Dwarf Essex, in drills	4-6	50
Clover, Ladino	4	60	Rape, Dwarf Essex, broadcast	8-10	50
Clover, Mammoth Red	10-12	60	Sudan Grass, in drills	4-6	40
Clover, Medium Red	10-12	60	Sudan Grass, broadcast	18-20	40
Clover, White Sweet	20	60	Vetch, Spring, with one bushel small grain	40-60	60
Corn, Dent for silage	20-30	56	Vetch, Winter or Hairy, with one bushel small grain	40-60	60
Corn, Flint, for grain	15	56	Wheat	90-120	60
Millet, Golden	50	50			
Millet, Hungarian	50	48			
Millet, Japanese	15-25	35			

GRASS SEEDS

	Pounds per acre	Weight per bu.		Pounds per acre	Weight per bu.
Awnless Brome	18-25	14	Rye Grass, Italian	60	22
Blue Grass, Canada	30-35	14	Rye Grass, Pacey's	50	28
Blue Grass, Kentucky	20-25	14	Red Top, Recleaned Seed, Worcester Brand	40-50	36
Creeping Bent	50	14	Red Top, Unhulled Seed	70	14
Crested Dogtail	30	28	Rhode Island Bent	20-40	14
Fescue, Hard	30	16	Rough Stalk Meadow	30-35	26
Fescue, Meadow	24	16	Sweet Vernal, use only in mixture	45	12
Fescue, Red or Creeping	30	16	Tall Meadow Oat	12-25	45
Fescue, Sheep's	40	16	Lawn Seed Mixture, Shady Spot	100-125	20
Fescue, Various Leaved	20-25	15	Lawn Seed Mixture, Worcester Brand ..	100-125	25
Meadow Foxtail	30	8	Wood Meadow	25-30	19
Orchard Grass	20-25	14			
Rye Grass, English	50	28			

NUMBER OF PLANTS, TREES, ETC., REQUIRED TO SET AN ACRE

Distance	Number	Distance	Number
1 ft. by 1 ft.	43,560	6 ft. by 6 ft.	1,210
1½ ft. by 1½ ft.	19,360	8 ft. by 8 ft.	680
2 ft. by 1 ft.	21,780	10 ft. by 10 ft.	434
2 ft. by 2 ft.	10,890	12 ft. by 18 ft.	302
2½ ft. by 2½ ft.	6,970	15 ft. by 15 ft.	194
3 ft. by 1 ft.	14,520	18 ft. by 18 ft.	134
3 ft. by 2 ft.	7,260	20 ft. by 20 ft.	103
3 ft. by 3 ft.	4,840	25 ft. by 25 ft.	70
4 ft. by 4 ft.	2,722	30 ft. by 30 ft.	40
5 ft. by 5 ft.	1,742	40 ft. by 40 ft.	27

Ross' Choice Annuals

Gardens That are Well Planted Will Have Flowers in Abundance This Year

Annuals are flowers that sprout from seed, all of which die within the limits of the garden year. Being inexpensive, they appeal to both home owner and renter. It is possible to enjoy at a low cost all of Nature's beauty in color and fragrance. The many varieties we offer in this book are carefully selected to supply the utmost in flower beauty and satisfaction.

Acroclinium (Everlasting Flower)

An everlasting flower, which, when cut and dried, is very valuable for winter bouquets.

139 Light Rose and Pure White. Mixed. Pkt., 10c; $\frac{1}{4}$ oz., 20c.

Ageratum (Floss Flower)

Hardy Annual

A plant of the greatest beauty and value for garden or window, unexcelled for border, rock garden or bedding.

148 Mexicanum. Blue. 1 $\frac{1}{2}$ ft. Pkt., 10c; $\frac{1}{4}$ oz., 30c; oz., 80c.

149 Mexicanum album. White, 1 $\frac{1}{2}$ ft. Pkt., 10c; $\frac{1}{4}$ oz., 30c; oz., 80c.

150 Fairy Pink. Soft salmon-rose-pink. Pkt., 25c.

151 Little Dorrit. Azure-blue. 8 inches. Pkt., 10c; $\frac{1}{4}$ oz., 30c; oz., 80c.

152 Midget Blue. A truly compact variety only 3 to 4 inches tall with dense spread. Azure-blue flowers. Pkt., 25c.

153 Little Blue Star. A miniature variety with beautiful mauve flowers. 5 inches. Pkt., 10c; $\frac{1}{8}$ oz., 50c; $\frac{1}{4}$ oz., 90c.

154 Blue Perfection. Large heads of amethyst-blue flowers; 8 inches. Pkt., 10c; $\frac{1}{4}$ oz., 30c; oz., 80c.

155 Dwarf Blue Cap. Dwarf rich blue flowers. 4 inches. Pkt., 10c; $\frac{1}{8}$ oz., 30c; $\frac{1}{4}$ oz., 50c.

156 Purple Perfection. Deepest blue. Pkt., 10c; $\frac{1}{8}$ oz., 25c.

158 Mixed Colors. All varieties mixed. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c.

Agrostemma

Pretty, free-blooming plants of easy culture, especially desirable for dry situations. Excellent for cutting.

160 Coeli-Rosa (Rose of Heaven). Rose, with white center. Hardy annual. 1 $\frac{1}{2}$ feet. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

Alyssum

A well-known favorite, hardy annual, blooming profusely the entire season. Excellent for edging.

166 Sweet Alyssum. Fragrant, white. 1 foot. Pkt., 10c; $\frac{1}{4}$ oz., 20c; $\frac{1}{2}$ oz., 35c; oz., 60c.

167 Little Gem. Of spreading habit, forming compact masses of bloom often a foot or more in diameter. White, fragrant. 6 inches. Pkt., 10c; $\frac{1}{4}$ oz., 25c; oz., 75c.

168 Carpet of Snow. Of very dwarf habit; white, fragrant. 4 inches. Pkt., 10c; $\frac{1}{4}$ oz., 30c; $\frac{1}{2}$ oz., 50c.

169 Violet Queen. A dwarf compact form, with bright violet flowers. Does not fade in hot weather. 4 inches. Pkt., 10c.

171 Little Dorrit. Little bushes fairly smothered with miniature white flowers. A gem for edging and beds. 4 inches high. Pkt., 10c; $\frac{1}{4}$ oz., 25c; oz., 75c.

Amaranthus

Brilliantly colored foliage, and bearing peculiarly formed flowers.

175 Caudatus (Love - Lies - Bleeding). Long, drooping flower, blood-red. Half-hardy annual. 3 feet. Pkt., 10c; $\frac{1}{8}$ oz., 25c.

178 Tricolor Splendens (Joseph's Coat). Red, yellow, and green foliage. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

Anchusa

184 Blue Bird. Compact plants, 20 to 24 inches high with clusters of vivid indigo-blue flowers. Excellent for cutting. Pkt., 10c; $\frac{1}{4}$ oz., 30c; $\frac{1}{2}$ oz., 50c.

185 Capensis (Cape Forget-Me-Not). Attractive annual with azure-blue flowers. 1 $\frac{1}{2}$ feet. Pkt., 10c; $\frac{1}{4}$ oz., 25c; $\frac{1}{2}$ oz., 40c.



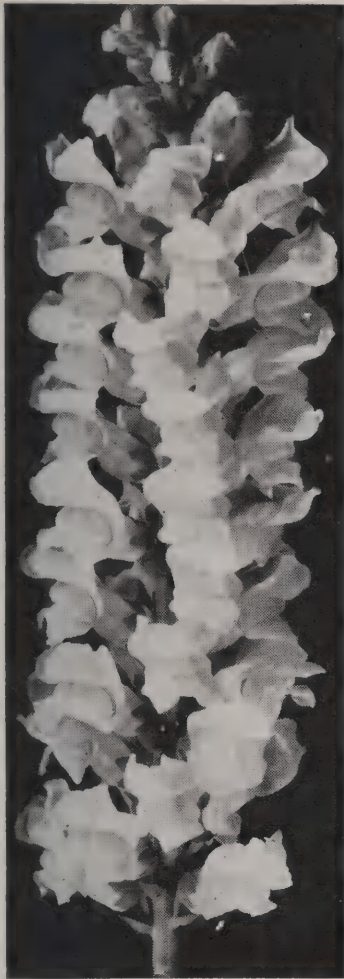
Ageratum, Blue Perfection



Amaranthus
(Love-Lies-Bleeding)



Alyssum, Little Gem



Rust-Proof Antirrhinum

Antirrhinum (Snapdragon)

Rust-proof. 75% or better Rust-proof.

One of the most beautiful and useful bedding plants, blooming profusely throughout the summer. Fine for cutting.

191A Rosalie. Intense rose-pink with deeper center. Flowers are large and well formed. Rust resistant. Pkt., 25c.

190D University of California De Luxe Mixture. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

Snaps for Greenhouse Forcing

192 Afterglow. Golden bronze. Pkt., 25c.

193 Ceylon Court. Yellow. Pkt., 25c.

194 Cheviot Maid. Bright pink. Pkt., 25c.

195 Rose Queen. Dark pink. Pkt., 25c.

196 White Rock. Pure white. Pkt., 25c.

Snapdragons, Large Flowered Type

197 Tall Mixed. Pkt., 10c; $\frac{1}{8}$ oz., 20c; oz., \$1.00.

198 Grandiflora. Giant varieties. Mixed, pkt., 10c; $\frac{1}{4}$ oz., 35c.

199 Dwarf Varieties. Mixed colors. Pkt., 10c; $\frac{1}{4}$ oz., 35c.



Balsam, Camellia-Flowered

Arctotis

210 Grandis (Blue-eyed African Daisy). 3 ft. Pearly white with a gold band surrounding a mauve center. Foliage gray-green. Pkt., 10c; $\frac{1}{4}$ oz., 35c.

211 Hybrids. Showy daisy-like flowers, red and orange shades. Pkt., 10c; $\frac{1}{8}$ oz., 40c; $\frac{1}{4}$ oz., 75c.

Asparagus

216 Plumosus Nanus. Beautiful house plants. The feathery foliage is unrivaled for cutting. Pkt., 15c.

217 Sprengeri. Excellent plants for table decorations. Pkt., 15c.



Brachycome

Balloon Vine

235. A tender annual climber of rapid growth, bearing small white flowers, followed by curious inflated seed-vessels, somewhat resembling a balloon. 10 to 15 feet. Pkt., 10c; $\frac{1}{2}$ oz., 25c.

Browallia

Free-blooming half-hardy annual. For beds, borders or pots. 1 $\frac{1}{2}$ ft.

251 Blue and White Mixed. Pkt., 10c; $\frac{1}{8}$ oz., 20c; $\frac{1}{4}$ oz., 35c.



Browallia

Balsam

They are among the showiest and most popular of our summer garden annuals, forming bushy plants, covered with double flowers of brilliant colors.

225 Improved Camellia-Flowered. Mixed colors. Double flowers of the finest type and a wide range of beautiful colors. Pkt., 10c; $\frac{1}{4}$ oz., 40c.

226 Double Bush Flowering. Finest Mixed. Flowers appear in clusters on top of stems. Bushy plants, fine for bedding. Pkt., 10c; $\frac{1}{8}$ oz., 50c.

227 Double Dwarf Mixed. Showy little bushes about 8 inches high, with double and semi-double flowers. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

228 Double Rose Flowered. Finest Mixed. Pkt., 10c; $\frac{1}{8}$ oz., 25c.

230 Choice Mixed. Double flowers of many colors. Pkt., 10c; $\frac{1}{4}$ oz., 20c; oz., 75c.

Bartonia Aurea

236. Showy, hardy annual, its golden yellow flowers being freely produced. It grows well in partial shade, but should not be crowded. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

Beans, Ornamental Varieties

The Scarlet and White Runner Beans are popular as ornamental climbers. The former is largely grown. Fine for ornamental effects.

240 Scarlet Runner. Pkt., 10c.

241 White Runner. Pkt., 10c.

BLUE LACE FLOWER. See Didiscus.

Brachycome (Swan River Daisy)

A free-flowering plant of dwarf, compact growth, bearing single blue or white flowers. Half-hardy annual. 1 ft. 250 Mixed Colors. Pkt., 10c.



Aster, Improved Crego



Asters, Giants of California, Double

California Giant Double

A variety of Asters of the Improved Comet type, with strong stems. Petals curved and twisted. Plant grows 2 to 3 feet tall. Midseason.

- | | |
|---------------------|-----------------|
| 8 White. New; fine. | 11 Light Purple |
| 9 Peach Blossom | 12 Deep Rose |
| 10 Light Blue | 13 Dark Purple |

Pkt., 10c; 1/16 oz., 30c; 1/8 oz., 50c; 1/4 oz., 90c.

14 Mixture of Above: Pkt., 10c; 1/8 oz., 40c; 1/4 oz., 75c; 1/2 oz., \$1.40.

California Giant Single (Wilt Resistant)

The flowers are large, measuring three to four inches across, with stems 18 to 24 inches in length. Blooms in mid-September.

15 Finest Mixed. Pkt., 10c; 1/8 oz., 35c; 1/4 oz., 60c; 1/2 oz., \$1.00.

Asters You Can

One of the finest cut flowers and very useful in the garden. Available in many shapes and colors; early, mid-season and late varieties.

16 Giant Aurora Golden Sheaf (Wilt Resistant)

The flowers are deep yellow, fully double, with a crest-like center. Pkt., 10c; 1/8 oz., 40c.

California Sunshine

An attractive anemone-flowered variety particularly fine for cutting. 2 1/2 feet.

24 Mixed Colors. Pkt., 10c; 1/8 oz., 40c; 1/4 oz., 75c.

32 Heart of France (Wilt Resistant)

Rich dark red. Very double, of strong branching habit. 1 1/2 to 2 feet. Midseason. Pkt., 10c; 1/8 oz., 40c; 1/4 oz., 75c.

32A Lilliput-Flowered

The flowers are tiny and button-like in form, coming in profuse clusters on medium length stems. Mixed. Pkt., 10c; 1/8 oz., 40c; 1/4 oz., 75c.

Improved Crego (Wilt Resistant)

Plants robust, branching, about 2 1/2 ft. Flowers large, double and well formed; one of the finest varieties for all purposes.

35A Finest Mixed. Pkt., 10c; 1/8 oz., 40c; 1/4 oz., 75c.

Queen of the Market (Wilt Resistant)

A very early blooming strain, which, though plant is only 1 1/4 feet high, bears from ten to fifteen well-formed, medium-sized flowers on long stems. Much used by florists.

- | | |
|------------------|-----------------|
| 36 Purple | 40 Pink |
| 37 White | 41 Crimson |
| 38 Peach Blossom | 42 Mixed Colors |
| 39 Light Blue | |

Each, pkt., 10c; 1/8 oz., 40c; 1/4 oz., 75c.

American Beauty (Wilt Resistant)

Plants 2 1/2 to 3 feet with long, heavy stems, bearing large compact flowers. They bloom from late August until frost.

- | | |
|-----------------------------|--------------------|
| 43 Azure Fairy. Azure-blue. | 44A September Pink |
| 43A Crimson | 45 White |
| 44 Purple | 45A Finest Mixed |

Pkt., 10c; 1/8 oz., 40c.



American Branching

Grow Successfully

Royal (Wilt Resistant)

Plants branching, 1½ to 2 feet, blooming in mid-August directly following the Queen of the Markets.

- | | |
|------------------|-----------------|
| 46 Peach Blossom | 48 Lavender |
| 47 White | 48A Purple |
| 47A Deep Rose | 49 Mixed Colors |
- Pkt., 10c; ½ oz., 40c.

Super Giant

The flowers are from 6 to 8 inches across; full, graceful, interesting petals. Plants are about 2½ feet tall, with six to eight long non-lateral stems per plant.

- 50 Los Angeles. Shell-pink. Pkt., 10c; ½ oz., 40c.
51 El Monte. Crimson. Pkt., 10c; ½ oz., 40c.

NOTE: Please order by number as well as name.

Giant Branching Comet - Wilt Resistant

The plant is of vigorous luxuriant growth and produces freely its long-stemmed graceful flowers. Blooms in late August. 1½-2 ft.

- | | |
|--------------|---------------|
| 70 White | 74 Azure-Blue |
| 71 Dark Blue | 75 Crimson |
| 73 Deep Rose | 76 Shell-Pink |

Each, pkt., 10c; ½ oz., 40c.

- 80 MIXED COLORS. Many colors and shades. Pkt., 10c; ½ oz., 40c.



Aster, American Beauty

American Branching - Wilt Resistant

A superior late-blooming strain of American origin. The flowers are of the largest size, borne on long, graceful stems often 15 or more inches in length, are exceedingly beautiful and unsurpassed for cutting. Blooms in early September. 2½ feet.

- | | |
|----------------|------------------------|
| 108 White | 111 Sensation, scarlet |
| 109 Pink | 112 Purple |
| 110 Azure-Blue | 116 Mixed Colors |
- Each, pkt., 10c; ½ oz., 40c; ¼ oz., 75c.

Early Giant - Wilt Resistant

Flowers are of the large Giants of California type. Plants are 1½ feet high with strong heavy stems. Blooms in mid-August.

- 118 Light Blue. A big, lacy light blue flower. Pkt., 10c; 1/16 oz., 40c.
119 Peach Blossom. Opens white, flushes lavender-pink. Pkt., 10c; 1/16 oz., 40c.
120 Rose Marie. Rich lively shade of rose. Pkt., 15c; 1/16 oz., 40c.

124 Worcester Mixture

Our own mixture of the leading choice varieties includes every color and shade known among Asters. Pkt., 10c; ½ oz., 40c; ¼ oz., 60c; oz., \$2.00.



Aster, Royal



Aster, California Sunshine

125 Harmony Mixture

Plants 2 to 2½ feet tall with very long basal branching stems, bearing 4- to 4½-inch blooms. These large flowers have full double quilled rounded centers, which open bright gold, surrounded by several rows of broad short guard petals. Pkt., 10c; 1/16 oz., 40c; ½ oz., 70c.

Astermum (Wilt Resistant)

A strain of Giant Comet Asters which, on account of their immense size have been named Astermums. The plants grow about 2 feet high with long, strong stems and should come into bloom about the middle of August.

- 126 White. 127 Pink. 128 Lavender. Pkt., 10c; ½ oz., 35c.



Calendula Chrysantha

Calliopsis

(Annual Coreopsis)

Showy daisy-like flowers, ideal for cutting or for massing in a border.

260 Mixed Colors. 1½ to 2 feet. Pkt., 10c; ½ oz., 30c; oz., 50c.

261 Golden Crown (Drummondii). Semi-double. Improved rich yellow, maroon center. Pkt., 10c; ¼ oz., 20c.

262 Golden Wave (Drummondii). Golden yellow with small dark center. 1½ feet. Pkt., 10c; ¼ oz., 20c.

263 Ray of Gold. Yellow, with purplish brown center. 6 to 8 inches. Pkt., 10c; ¼ oz., 20c.

Canterbury Bells

274A Finest Mixed. A new annual Canterbury Bell which blooms from seed in less than six months. Plants 2 to 2½ feet. Pkt., 10c.



Candytuft, Giant Hyacinth-Flowered



Canterbury Bells

Calendula (Pot Marigold)

A very free-blooming hardy annual of easy culture. Flowers double, borne on stiff stems, and are cut to some extent, but the plant is more desirable for bedding. 1 to 1½ feet.

252 Campfire or Sensation. Improved strain. Dark orange with scarlet sheen. Pkt., 10c; ¼ oz., 30c; oz., \$1.00.

253 Chrysantha or Sunshine. Clear buttercup-yellow, petals incurved. Pkt., 10c; ¼ oz., 30c; ½ oz., 50c.

253A Yellow Colossal. Extra large, lemon-yellow flowers. Pkt., 10c; ¼ oz., 35c.

254 Ball's Gold. Deep golden yellow, dark center, very large flowers. Pkt., 10c; ½ oz., 25c; ¼ oz., 40c.

255 Ball's Masterpiece. Rich deep orange, dark center, long stems. Pkt., 10c; ½ oz., 25c; ¼ oz., 40c.

255A Ball's Orange Improved. Brilliant orange, light center, petals slightly notched. Pkt., 10c; ½ oz., 25c; ¼ oz., 40c.

256 Orange Shaggy. Deep orange, shading lighter at the center, petals deeply fringed. Pkt., 10c; ½ oz., 25c.

257 Orange King. Extra select. Large dark orange, dark center. Pkt., 10c; ½ oz., 30c; oz., 50c.

258 Lemon Queen. Clear lemon-yellow. Pkt., 10c; ¼ oz., 20c; ½ oz., 35c.

259 Mixed Varieties. Pkt., 10c; ½ oz., 15c; oz., 25c.

Canary Creeper

(Tropaeolum Canariense)

275. A rapid-growing, half-hardy annual climber, bearing curiously formed yellow flowers. Blooms until frost. 10 to 15 feet. Pkt., 10c; ½ oz., 30c; oz., 50c.

Candytuft

Popular hardy annual, growing in any soil, requiring but little care, and by repeated sowings may be had in bloom all summer. 6 inches to 1 foot.

276 Rose Carmine. Pkt., 10c; ¼ oz., 20c; ½ oz., 35c.

277 Dark Crimson (Dunnett's). Pkt., 10c; ¼ oz., 20c; ½ oz., 35c.

278 Empress. Large trusses; pure white. Pkt., 10c; ½ oz., 20c; ¼ oz., 35c.

279 Giant Hyacinth-Flowered. Heads of immense size, resembling the Hyacinth. White. Pkt., 10c; ½ oz., 20c; ¼ oz., 35c; oz., \$1.00.

280 Mixed Colors. Pkt., 10c; ¼ oz., 20c; oz., 50c.

282 Dwarf Hybrids. Mixed colors. Of dwarf habit but flowers are large. Pkt., 10c; ¼ oz., 20c; ½ oz., 35c.

283 White Fragrant. Pkt., 10c; ¼ oz., 20c; oz., 60c.



Calendula,
Orange
Shaggy

Castor Bean (*Ricinus*)

Well-known tender annual, with palm-like leaves of glossy green, brown or bronze hue. 6 to 15 feet.

295 *Borboniensis*. Large, showy foliage of purplish hue. 15 feet. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00.

296 *Cambodgensis*. Stalks and stems nearly black; leaves large, of a deep bronze-maroon. 6 feet. Pkt., 10c; ½ oz., 20c; oz., 35c.

297 *Sanguineus* (Tricolor). Stalks blood-red, foliage reddish bronze, with scarlet seedpods. 6 feet. Pkt., 10c; ½ oz., 20c; oz., 35c.

298 *Zanzibariensis*. With gigantic leaves, ranging in color from light green to deep bronze. 10 to 15 feet. Mixed varieties. Pkt., 10c; ½ oz., 20c; oz., 35c.

299 *Gibsoni*. Large dark red leaves. 5 feet. Pkt., 10c; ½ oz., 20c; oz., 35c.

300 All Varieties Mixed. Pkt., 10c; ½ oz., 15c; oz., 25c.

Cockscomb (*Celosia cristata*)

Free blooming annuals of easy culture, producing large, brilliant, comblike heads. Excellent for borders, edgings or pots.

305 Glasgow Prize. Crimson; dark foliage. 9 inches. Pkt., 10c; ½ oz., 30c.

307 Mixed. Pkt., 10c; ½ oz., 20c.

309 Dwarf, Extra-Choice Mixed. Includes all the latest introductions and colors of the Cockscomb. Pkt., 10c; ½ oz., 30c.

Lilliput or Dwarf Feathered Celosia

Dwarf, compact plants, consisting of 15 to 20 branches of even length, each tipped with brilliant silky plumes.

310 Lilliput, Fire Feather. Bright fiery crimson. Pkt., 10c; 1/16 oz., 40c.

311 Lilliput, Golden Feather. Deep yellow. Pkt., 10c; 1/16 oz., 40c.

312 Lilliput Mixed. Pkt., 10c; 1/16 oz., 40c.

Feathered Celosia (*Celosia plumosa*)

Often used for winter bouquets, and for this purpose should be cut before fully ripe and dried in the house.

313 Thompsoni Magnifica. Large plumes, ranging from clear yellow to darkest red. Pkt., 10c; ½ oz., 30c.

314 Choice Mixed. Pkt., 10c; ¼ oz., 20c; oz., 50c.



Cineraria

Canna

The Crozy Cannas are well known for their dwarf growth and luxuriant foliage. The flowers are large and of most brilliant colors.

284 Crozy's Dwarf. Dark, large flowering varieties. Mixed. 3 to 4 feet. Pkt., 10c; ¼ oz., 20c.

285 Giant Flowered New Hybrids. Mixed. Pkt., 10c; ¼ oz., 20c.

CARDINAL CLIMBER. See Ipomoea, number 549.

CARDINAL FLOWER. See Lobelia, number 588.

Carnation (*Dianthus Caryophyllus*)

287 Marguerite Giants. Double special mixture. Flower approaches in form, size, fragrance and beauty those grown by the florist. Pkt., 10c; ½ oz., 30c.

Cineraria Hybrida Grandiflora

294 Ross' Prize Mixture. The plants are of compact growth, carrying extra large flower heads with flowerets of unusual size and substance. Pkt., 25c.



Calliopsis



Cockscomb—Celosia Cristata



Feathered Celosia



Centaurea Cyanus (Bachelor Buttons)

Centaurea

To this family belong the well-known annuals, Bachelor's Button and Sweet Sultan, and also the plants known as Dusty Millers.

- 315 *Americana Lilac* (Basket Flower). The plant grows 3 feet tall and bears immense thistle-like blooms of rosy lavender color. Pkt., 10c; $\frac{1}{4}$ oz., 25c.
- 316 *Americana Alba* (Star Thistle). 3 feet. Large heads of double fluffy blooms, almost pure white. Pkt., 10c; $\frac{1}{4}$ oz., 25c.
- 316A *Jubilee Gem*. Dwarf compact plants, about 12 inches high, literally covered with dark but very vivid double blue flowers. Pkt., 10c; $\frac{1}{8}$ oz., 35c; $\frac{1}{4}$ oz., 60c.

CYANUS (Bachelor's Button or Cornflower)

- 317 *Double Blue*. A selection of the old-fashioned Bachelor Button, producing a large percentage of beautiful double blue flowers. 2 feet. Pkt., 10c; $\frac{1}{4}$ oz., 20c; $\frac{1}{2}$ oz., 35c.
- 318 *Double Blue Boy*. Rich deep blue. Pkt., 10c; $\frac{1}{4}$ oz., 30c; $\frac{1}{2}$ oz., 50c.
- 318A *Double Pinkie*. Deep pink. Pkt., 10c; $\frac{1}{4}$ oz., 30c; $\frac{1}{2}$ oz., 50c.
- 319 *Double Red Boy*. Deep red. Pkt., 10c; $\frac{1}{4}$ oz., 30c; $\frac{1}{2}$ oz., 50c.
- 319A *Double Snow Man*. Pure white. Pkt., 10c; $\frac{1}{4}$ oz., 30c; $\frac{1}{2}$ oz., 50c.
- 320 *Single and Double Mixed*. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 50c.

CENTAUREA (Sweet Sultan)

- 321 *Moschata* (Common Sweet Sultan). Mixed colors. Pkt., 10c; $\frac{1}{4}$ oz., 25c.
- 322 *Suaveolens* (Yellow Sweet Sultan). Pkt., 10c; $\frac{1}{8}$ oz., 25c; $\frac{1}{4}$ oz., 40c.

IMPERIALIS (Royal Sweet Sultan)

Improved type of Sweet Sultan. Both plants and flowers are larger than the common.

- 323 *Deep Lavender*. Pkt., 10c; $\frac{1}{8}$ oz., 30c.
- 324 *White*. Pkt., 10c; $\frac{1}{8}$ oz., 30c.
- 325 *Mixed Colors*. Pkt., 10c; $\frac{1}{8}$ oz., 25c.

WHITE-LEAVED CENTAUREAS (Dusty Miller)

Half-hardy perennials which are grown annually from their seed for their foliage only. Used with other foliage and flowering bedding plants.

- 326 *Candidissima*. Yellow, silvery foliage. 1 foot. Pkt., 10c; $\frac{1}{8}$ oz., 35c.
- 327 *Gymnocarpa*. Lavender, silvery white foliage; of graceful, drooping habit. 1½ ft. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

Chinese Woolflower (*Celosia Childsi*)

Large globular heads like balls of wool chenille. The plants, 2 to 3 feet in height, branch freely, each branch terminating with a flower-head. Blooms from early summer to frost.

- 329C *Mixed Colors*. Pkt., 10c; $\frac{1}{8}$ oz., 35c.

Chrysanthemum

Free-flowering plants of branching habit, grow freely from seed, and are of easy culture, very desirable for cutting. Hardy annual. 1 to 1½ feet.

- 330 *Single* (Painted Daisies). Mixed colors. Pkt., 10c; $\frac{1}{4}$ oz., 20c; oz., 60c.
- 331 *Evening Star*. Covered with bright golden yellow single flowers. Pkt., 10c; $\frac{1}{8}$ oz., 20c.
- 333 *Northern Star*. White, with yellow ring, dark eye. Pkt., 10c; $\frac{1}{4}$ oz., 20c.

Clarkia

Beautiful hardy annual of easy culture. Blossoms are borne in profusion on long graceful sprays. Fine for cutting. 2 feet.

- 338 *Single and Double Mixed*. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

Cleome—"Giant Spider Plant"

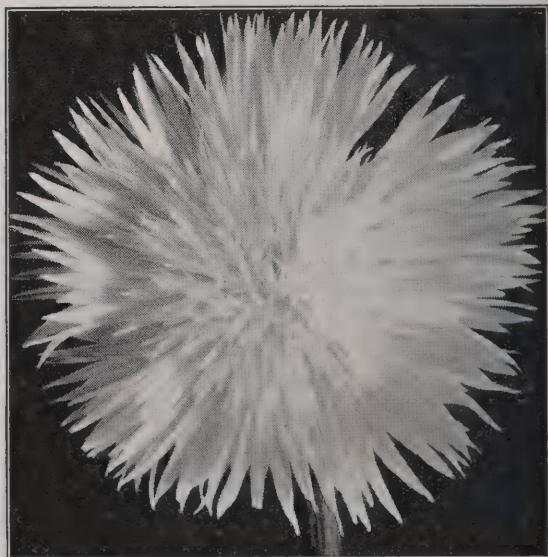
- 343 *Rose Queen*. A showy garden annual producing curious heads of flowers of bright rose color with long antenna-like stamens. 4 to 5 feet. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

Cobaea Scandens or Cathedral Bells

345. Rapid growing climbers with large purple bell-shaped flowers. 20 to 30 feet. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

Coix Lachryma (Job's Tears)

347. An ornamental grass growing from 7 to 9 feet high. Large, broad leaves bearing large shiny seed. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 35c.



Centaurea Moschata—Sweet Sultan

Coleus

Ornamental foliage plants, easily grown from seed.

350 Choice Hybrids Mixed. From a large collection; of greatly diverse shades and markings. Pkt., 10c; $\frac{1}{8}$ oz., 50c.

351 New Large-Leaved Varieties Mixed. Saved from new varieties with very large and richly variegated foliage. Pkt., 10c; $\frac{1}{8}$ oz., 50c.

Giant Flowering Cosmos

Cosmos are among the finest annuals for table decoration. They are invaluable in the mixed border and for their long period of flowering.

359 Klondyke, Orange Flare. Early flowering, deep orange. Pkt., 10c; $\frac{1}{8}$ oz., 30c; $\frac{1}{4}$ oz., 50c.

360 Mammoth Perfection. Mixed colors. Of mammoth size, rather late in flowering. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

362 Large Early Flowering. The flowers are large and blooms early. Crimson, Rose and White Mixed. Pkt., 10c; $\frac{1}{4}$ oz., 20c; $\frac{1}{2}$ oz., 30c; oz., 50c.

362A Crimson **362B Pink** **362C White**
Each, pkt., 10c.

SENSATION TYPE

The Sensation type of Cosmos grows 4 to 5 inches in diameter with broad fluted petals. Blooms 8 to 10 weeks after sowing. 3 to 4 feet.

364 Sensation, Pinkie. Clear rose-pink. Pkt., 10c; $\frac{1}{8}$ oz., 35c.

364A Sensation, Purity. Pure white. Pkt., 10c; $\frac{1}{8}$ oz., 35c.

364B Sensation Finest Mixed. Pkt., 10c; $\frac{1}{8}$ oz., 25c.

Extra Early Double Crested Cosmos

The new annual crested type Cosmos is a distinct type, having double center, with a row of guard petals around the base.

365 Crimson King. Dark crimson.

365A Pink Beauty. Soft pink.

365B White Queen. Pure white.

365C White, Pink and Crimson Mixed.

Pkt., 10c; $\frac{1}{8}$ oz., 40c; $\frac{1}{4}$ oz., 75c; $\frac{1}{2}$ oz., \$1.40; oz., \$2.50.



Double Crested Early Flowering Cosmos

Collinsia

A free flowering hardy annual with lovely blooms arranged in whorls on slender stems. Blooms from June to October. 1 foot.

353 Mixed Colors. Pkt., 10c; $\frac{1}{4}$ oz., 20c.

Convolvulus Minor

(Dwarf Morning Glory)

Half-hardy annual of trailing habit, growing about 1 foot high, and bearing abundantly bell-shaped flowers.

356 Mixed Colors. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c.

Burbank's Rainbow Corn

357. Annual, grows about 5 feet high. The foliage is striped with rose, purple, green and cream color. Pkt., 10c; oz., 25c.

Cuphea

367 Firefly (Firecracker Plant). Semi-dwarf compact annual with a spread of about 12 inches. The miniature bushes are covered with deep rosy scarlet blooms. Pkt., 10c.

Ross' Giant Cyclamen

Charming house plants, with beautiful foliage and rich colored fragrant flowers.

369 Giant Mixed. Pkt., 50c.



Coleus, Choice Hybrid Mixed



Dianthus Heddeiwigi, Single

Cynoglossum

(Chinese Forget-Me-Not)

369A Amabile. Early flowering annual producing large sprays of rich blue flowers; excellent for cutting. 18 inches. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

369B Firmament. Dwarf, bright, indigo-blue. Pkt., 10c.

Cypress Vine

A popular climbing vine, with fernlike foliage, bearing small, star-shaped, rose, scarlet, or white flowers. Half-hardy annual. 10 to 12 feet.

370 Mixed Colors. Pkt., 10c; $\frac{1}{4}$ oz., 20c; oz., 60c.

Annual African Daisy

376 African Golden (*Dimorphotheca aurantiaca*). Beautiful showy annuals about 1 foot tall with gorgeous daisy-like blooms during summer and fall. Flowers are excellent for cutting.

379 Selected Hybrids Mixed. Pkt., 10c; $\frac{1}{8}$ oz., 25c.

Delphinium (Larkspur)

Showy, hardy annuals bearing long spikes of lovely colored flowers. 3 to 4 feet.

385 Dwarf Emperor. Double Stock Flowered. Finest mixed. A dwarf compact type ideal for border work. 2 feet. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

TALL DOUBLE STOCK FLOWERED

387 Carmine 389 Light Blue

388 Dark Blue 390 White

Pkt., 10c; $\frac{1}{8}$ oz., 20c; $\frac{1}{4}$ oz., 35c; $\frac{1}{2}$ oz., 60c.

391 Tall Double Stock Flowered. Mixed colors. A superior strain. 2 feet. Pkt., 10c; $\frac{1}{4}$ oz., 20c; $\frac{1}{2}$ oz., 35c; oz., 60c.

392 Giant Imperial, Carmine King. (New.) Deep carmine-rose. Pkt., 10c; $\frac{1}{8}$ oz., 25c; $\frac{1}{4}$ oz., 40c; $\frac{1}{2}$ oz., 70c.

392A Giant Imperial, Miss California. Rich, deep pink on salmon ground. Pkt., 10c; $\frac{1}{8}$ oz., 25c; $\frac{1}{4}$ oz., 40c; $\frac{1}{2}$ oz., 70c.

392B Giant Imperial, Blue Bell. Pkt., 10c; $\frac{1}{8}$ oz., 25c; $\frac{1}{4}$ oz., 40c.

392C Giant Imperial, Blue Spire. Very deep violet-blue. Pkt., 10c; $\frac{1}{8}$ oz., 25c.

392D Giant Imperial Finest Mixed. Pkt., 10c; $\frac{1}{8}$ oz., 20c; $\frac{1}{4}$ oz., 35c.

Datura (Trumpet Flower)

Strong growing, ornamental annual shrubs. Flowers trumpet-shaped, large and fragrant.

383 Finest Mixed. Pkt., 10c; $\frac{1}{4}$ oz., 20c.

Dianthus (Pinks)

Hardy biennials, blooming the first year from seed. Plant 6 inches apart. Height 1 foot.

398 Double China (*D. chinensis* fl. pl.). Small, double flowers, borne in large clusters of many colors, mostly with white edge. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

399 Heddeiwigi Double (*D. Heddeiwigi* fl. pl.). Japan Pinks. Very large, double flowers of a wide range of color. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

400 Single Mixed. Large single flowers, varied colorings. Pkt., 10c; $\frac{1}{4}$ oz., 20c.

406 Laciniatus Splendens. Brilliant shade of crimson, with a large glistening white eye. Pkt., 10c; $\frac{1}{8}$ oz., 30c.

408 Double Snowdrift. Improved, white, very large flowers. Pkt., 10c; $\frac{1}{8}$ oz., 30c.

415 Worcester Mixed. All the above and other choice strains. Unsurpassed. Pkt., 10c; $\frac{1}{4}$ oz., 30c; oz., \$1.00.

419 Sweet Wivelsfield. The growth is like Sweet William but the flowers are large and have a much wider range of colors. Pkt., 10c; $\frac{1}{8}$ oz., 40c.

Didiscus

420 Coeruleus (Blue Lace Flower). An attractive annual, blooming from July until frost. The flowers are pale lavender and are valuable for cutting. Pkt., 10c; $\frac{1}{8}$ oz., 25c.

Dolichos (Hyacinth Bean)

A rapid growing hardy annual climber, bearing all summer, clusters of white or purplish blue flowers, followed by ornamental seed pods. 10 feet.

433 Mixed Colors. White and purple. Pkt., 10c; $\frac{1}{4}$ oz., 20c.

Dracena (Dragon Plant)

434 Indivisa. Beautiful ornamental leaved plants; long, narrow, green foliage; indispensable for vases and house decoration. Pkt., 10c; $\frac{1}{8}$ oz., 25c.



Delphinium, Tall Double Stock-Flowered

Eschscholtzia (California Poppy)

A very showy hardy annual, with finely cut, glaucous foliage, bearing poppy-like flowers of bright colors. Of easy culture. Sow as early as soil can be worked, where plants are to remain, as they do not bear transplanting well. 1 foot.

- 439 Californica. Yellow. Pkt., 10c; ½ oz., 30c; oz., 50c.
 442 Mixed Colors. Pkt., 10c; ½ oz., 20c; oz., 35c.
 443 Ramona Hybrids. Finest mixed. A new compact strain with flowers beautifully frilled and incurved, a bright mixture. Pkt., 10c; ½ oz., 25c; ¼ oz., 40c.

Euphorbia

Ornamental foliage plant; easily grown from seed. Striking and effective appearance. Hardy annual.

- 452 Variegata (Snow-on-the-Mountain). Foliage veined and margined with white. 2 feet. Pkt., 10c; ¼ oz., 25c.
 453 Heterophylla (Fire-on-the-Mountain). A variety of Poinsettia which grows to a height of 2½ to 3 feet. About the middle of summer the top central leaves turn rich orange-scarlet. Pkt., 10c; ¼ oz., 25c.

Four O'Clock (Marvel of Peru)

A well-known favorite plant, bearing freely white, red and striped flowers, which open about four o'clock in the afternoon. 2 feet.

- 465 Mixed Colors. Pkt., 10c; oz., 25c.

FOXGLOVE. See Digitalis, page 52.



Godetia, Satin Flower

Gaillardia (Blanket Flower)

ANNUAL VARIETIES

Very showy, free-blooming, hardy plants of easy culture. Seed germinate very slowly and should be sown in the house in March. Fine for cutting. 2 feet.

- 470 Picta. Single; mixed colors. Pkt., 10c; ¼ oz., 20c.
 471 Picta. Double; mixed colors. Pkt., 10c; ¼ oz., 20c.

Geranium

Well known, half-hardy, greenhouse perennials. When sown in the fall or early winter will produce flowers in June, while sown in March, plants will not bloom until September, and sown in the open ground in May or June, plants will bloom in midwinter.

- 485 Zonale (Fish or Horseshoe Geranium). Saved from largest and finest varieties. Pkt., 10c; ¼ oz., 40c.

Gilia

Bushy plants, of erect habit with fine feathery foliage. May be used as everlasting, retaining their color when dried; fine for cutting.

- 487A Capitata (Thimble Flower). 2 feet. Rich lavender-blue flowers, 1 inch across. Pkt., 10c; ¼ oz., 25c.



Eschscholtzia (California Poppy)

Gomphrena (Globe Amaranth)

- 488 Mixed Colors. A tender annual plant, bearing globe-shaped everlasting flowers, often used, when dried, in winter bouquets. 1½ feet. Pkt., 10c; ¼ oz., 25c.

Gloxinia

Beautiful Greenhouse Perennial

Large bell-shaped flowers borne in clusters above velvety foliage.

- 489 Splendid Mixture. A mixture of all classes unrivaled in richness of color. Pkt., 25c.

Godetia or Satin Flower

(Annual)

Showy garden annuals, they are of compact growth, about 1 foot high, bearing flowers 3 to 4 inches across.

- 490 Mixed Colors. Tall. Includes all varieties and the latest introductions. Pkt., 10c; ¼ oz., 25c.

Gourds Are Popular

Ornamental, tender annual climbers. 10 to 20 feet.

- 498 Large Varieties Mixed. Pkt., 10c; ½ oz., 20c.
 500 Mixed Varieties. Small sorts. Pkt., 10c; ½ oz., 20c.

Gypsophila (Baby's Breath)

Flowers very small, borne in loose, graceful panicles. Very largely used in bouquets with other cut flowers.

- 501 Elegans Deep Rose. H.A. Pkt., 10c; ¼ oz., 25c.
 503 Elegans Grandiflora Alba (London Market Improved). White, extremely large flowers. Pkt., 10c; ½ oz., 20c; oz., 30c.
 505 Elegans Grandiflora Alba. White. An improved form of the annual Gypsophila. Grown by the acre for the London and Paris flower markets. Pkt., 10c; ½ oz., 15c; oz., 25c; ¼ lb., 60c.

Grevillea

- 507 Robusta (Silk Oak). The graceful evergreen, fern-like foliage combines admirably with palms and other massive-leaved plants. Excellent for table decorations. Pkt., 10c; ½ oz., 30c.



Ornamental Gourds

Helichrysum

(Strawflower; Everlasting)

One of the best everlasting flowers and an effective bedding plant. If flowers are desired for winter use, they should be cut just as the buds are opening. Hardy annual. 2 feet.

515 **Double Mixed Colors** (*H. monstrosum* fl. pl.). Largest double flowers. Pkt., 10c; $\frac{1}{4}$ oz., 25c; $\frac{1}{2}$ oz., 40c.

Heliotrope

A well-known favorite largely grown in pots, but thriving in the open border.

518 **Mixed Colors**. Dark varieties mixed. Pkt., 10c; $\frac{1}{8}$ oz., 30c.

519 **Large-Flowering**. Mixed colors. Heads of flowers nearly double the size of the old sorts. Pkt., 10c; $\frac{1}{8}$ oz., 30c.

Hollyhock

533 **Indian Spring**. (New Annual.) Blooms in less than five months after seed is sown and blooms continuously until frost. Bright rose and rosy carmine. Semi-double. 4 to 5 feet. Pkt., 15c.

534 **Everblooming Hybrids** (Annual Hollyhocks). Double, Semi-Double and Single. Mixed. A new strain, blooming the first season from seed. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

Humulus (Hop)

Rapid-growing climbers with attractive foliage. The Japanese variety is a hardy annual, the best for quickly covering unsightly objects.

537 **Japonicus** (Japanese Hop). Pkt., 10c; $\frac{1}{4}$ oz., 25c.

538 **Japonicus, Variegated Foliage**. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

Hunnemannia

540 **Fumariaefolia** (Giant Tall Poppy or Bush Eschscholtzia). A yellow Poppy, pleasing both in the border and as a cut flower. Pkt., 10c; $\frac{1}{4}$ oz., 35c; $\frac{1}{2}$ oz., 60c.

541 **Sunlite**. Gorgeous semi-double, clear canary-yellow blooms, with extra band of petals outside, giving the impression of an open flower at all times. Foliage is a light gray green. Pkt., 10c; $\frac{1}{8}$ oz., 30c; $\frac{1}{4}$ oz., 50c.

Ice Plant (Mesembryanthemum)

546 **Crystallinum**. A trailing plant, with succulent stems and leaves. Excellent for hanging baskets and rock-work. Tender annual. 9 inches. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

Ipomoea (Morning Glory)

The Ipomoea family includes the well-known Morning Glory, the Moonflower and the Cypress Vine. Rapid-growing climbers of easiest culture; bloom earlier and more profusely on rather poor soil, but of higher growth and more attractive foliage when grown on rich soil. Tender annuals. 15 to 30 feet.

549 **Cardinal Climber** (*Ipomoea quamoclit hybrida*). Leaves are dark green, fernlike and deeply lacinated; bears a great profusion of fiery, cardinal-red flowers. Pkt., 10c; $\frac{1}{8}$ oz., 20c; $\frac{1}{4}$ oz., 35c.

550 **Bona Nox** (Evening Glory). Beautiful, large, violet-blue flowers which open at night. Rapid growth. Pkt., 10c.

552 **Rose Marie**. Double early flowering, clear deep rose. Pkt., 10c.



Helichrysum (Strawflower)



Humulus (Hop)



Hunnemannia Fumariaefolia

553 **Heavenly Blue**. Clark's Earliest. (*Rubra coerulea*). Deep sky-blue flowers, 4 to 5 inches across. Early flowering. Pkt., 10c; $\frac{1}{4}$ doz., 35c.

544 **Scarlett O'Hara**. Flowers are about 4 inches in diameter; color is a fine rich dark wine-red, freely produced on fast growing vines, which start blooming within 65 days after seed is sown. Pkt., 15c; $\frac{1}{8}$ oz., 40c.

Jerusalem Cherry (Solanum)

An ornamental and interesting genus of fruit-bearing plants; singularly bright in fruit and foliage. Popular for greenhouse or house decoration.

555 **Solanum Capsicastrum**. Covered with scarlet fruit during the winter. 1 $\frac{1}{2}$ feet. Pkt., 10c; $\frac{1}{4}$ oz., 35c; $\frac{1}{2}$ oz., 60c.

Kochia

556 **Tricophylla** (Summer Cypress). A very quick-growing annual. Through the summer this is bright green, but commences in early fall to gradually take on a red tinge, becoming entirely red before it dies. 2 $\frac{1}{2}$ feet. Pkt., 10c; $\frac{1}{4}$ oz., 20c.

Lantana

562 **Hybrida Finest Mixed**. Shrubby, with many clusters of dainty flowers in yellow, orange, red, and pink. 18 inches. All summer. Fine for potting. Pkt., 10c; $\frac{1}{8}$ oz., 25c.

Lavatera Trimestris

Beautiful and effective hardy annual, covered during the entire summer with pretty and showy blossoms.

576 **Rose-Pink**

577 **White**

Pkt., 10c; $\frac{1}{4}$ oz., 20c.

Linum (Crimson Flax)

580 **Grandiflorum Rubrum**. The rich crimson flowers last only a day, but are borne continuously until frost. 15 to 18 inches. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

Lobelia

Pretty little plants of easy culture, blooming profusely from June until frost. The dwarf varieties are useful for bedding and edging, the trailing variety is excellent for hanging baskets, vases and rock work. Half-hardy annuals.

585 **Crystal Palace Compacta**. Rich blue flowers, dark foliage. Pkt., 10c; $\frac{1}{8}$ oz., 50c.

586 **Cambridge Blue**. Large light blue flowers, green foliage, compact. Pkt., 10c; 1/16 oz., 50c.

587 **Pumila Splendens** (Bedding Queen). Dark blue with large white eye. 4 inches. Pkt., 10c; $\frac{1}{8}$ oz., 50c.

Lunaria (Honesty)

589 **Biennis**. Hardy biennial, but grown as annuals, admired for their silvery, papery seed pods, which are used for house ornaments. 3 feet. Pkt., 10c; $\frac{1}{8}$ oz., 20c.

Lupin

590 **Annual Varieties, Mixed**. Easily grown plants. Long, graceful spikes of pea-shaped flowers of various colors. 2 feet. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 30c.

Marigolds

Favorite annual plant, blooming the entire summer; easily cultivated. The African varieties bear large yellow or orange flowers and the plants are usually tall. The French type is of dwarf habit and flowers are striped. Hardy annual, 1 to 3 feet.

600 Yellow Supreme. 2 to 2½ feet. Tall, bearing loosely ruffled creamy lemon-yellow carnation-flowered blossoms. Pkt., 10c; ½ oz., 35c.

600A Guinea Gold. Brilliant orange with double, ruffled, loose-leaf petals. 2 to 2½ feet high, producing flowers 2 to 2½ inches across. Pkt., 10c; ½ oz., 25c; ¼ oz., 45c; ½ oz., 80c.

601 Lemon "All Double." Pkt., 10c; ½ oz., 40c.

601A Orange "All Double." Pkt., 10c; ½ oz., 40c.

602 Gigantea, Sunset Giants. A remarkable new sweet scented, robust growing, extremely large flowered type; ideal for show purposes, florists, and garden decoration. Pkt., 10c; ½ oz., 35c.

603 African Double Mixed. All shades of the African type. Pkt., 10c; ¼ oz., 20c; ½ oz., 35c; oz., 60c.

604 Collarette, Crown of Gold. Orange, 2½-inch flowers, crested centers, broad guard petals, odorless foliage. Pkt., 10c; ½ oz., 30c.

605 Harmony. Double Dwarf French. Dwarf compact plants, flowers golden yellow bordered maroon-red, scabious-shaped. Pkt., 10c; ½ oz., 25c.

606 French Dwarf Double Royal Scot. Uniformly dwarf, compact plants, fully double, rich mahogany-red and gold striped flowers. Pkt., 10c; ½ oz., 35c.

607 French Double Mixed. Shades of yellow and brown. 2 feet. Pkt., 10c; ¼ oz., 20c.

608 Lieb's Winter Flowering. Maroon and golden yellow flowers, crested center, very late blooming, excellent for winter cut flowers when greenhouse grown. Pkt., 10c; ½ oz., 40c.

609 Early Dixie Sunshine. Sunrise. Brilliant golden yellow, comes 100 per cent fully double and blooming commences by August. Pkt., 10c.

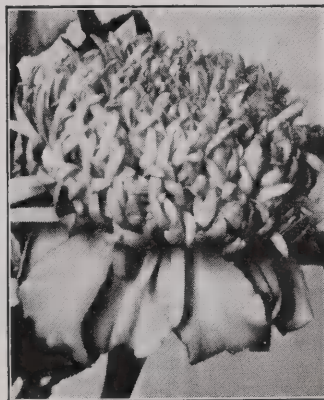
609A Tall Single French Josephine. Dark maroon-brown, edged with gold. Plants grow 2 feet high, bushy. Flowers are fine for cutting. Pkt., 10c; ¼ oz., 25c.

609B Tall Single Ferdinand. Crested center of golden yellow, surrounded by a single row of broad mahogany-red guard petals. Pkt., 10c; ½ oz., 40c.

SCOTCH MARIGOLD.
See Tagetes, page 48.

Matthiola Bicornis (Night Scented Stock)

610. A hardy annual with rosy lavender flowers, giving forth a delightful fragrance—especially toward evening. 1 foot. Pkt., 10c; ¼ oz., 20c.



Marigold, Crown of Gold

Mignonette (Reseda Odorata)

A well-known and popular hardy annual, prized for its delightful fragrance. Seeds sown in autumn will bloom in early spring, and when sown the last of July will come into flower in a few weeks and continue until frost.

614 Bismark. Large red flowers, very fragrant. 1 foot. Pkt., 10c; ½ oz., 25c.

615 Grandiflora. Improved, large-flowered, Sweet Mignonette. Pkt., 10c; ½ oz., 20c; oz., 35c.

618 Golden Queen. Golden yellow. Pkt., 10c; ¼ oz., 20c; oz., 60c.

619 Machet Improved. Large thick spikes of reddish cast, of dwarf habit, dark foliage; best for pots. Pkt., 10c; ¼ oz., 25c.

620 Giant White. Best white. Pkt., 10c; ¼ oz., 20c; oz., 60c.

621 New York Market. Long-stemmed reddish spikes. Pkt., 10c; ½ oz., 30c.

625 Mixed Varieties. The above and other varieties. Pkt., 10c; ¼ oz., 20c; oz., 60c.

MORNING GLORY, DWARF. See Convolvulus minor.



Mignonette



Marigold, Yellow Supreme

Matricaria (Feverfew)

611 Capensis Alba Plenissima. Double white, 24 inches. Very decorative in beds or borders, fine for cutting. Perennial, but may be treated as annuals. Pkt., 10c; ¼ oz., 30c.

612 Golden Ball. Dwarf double. Compact bushes 10 inches high covered with tiny chrysanthemum-like golden yellow flowers. Pkt., 10c; ½ oz., 40c.

Moonflower (Ipomoea)

635 Grandiflora Alba (Ipomoea noctiflora). Rapid-growing variety reaching height of 30 feet. Large white flowers open in evening and on cloudy days. Pkt., 10c; ½ oz., 30c.

635B Pink Hybrid Moonflower. Color, soft lilac-pink. Vines are of rapid growth with large leaves. Blooms very profusely. Pkt., 10c; ½ oz., 35c.

MUSK PLANT. See Mimulus.

MOURNING BRIDE. See Scabiosa.

Morning Glory (Convolvulus Major)

A well-known vine of easiest culture. Hardy annual. 10 feet.

636 Mixed Colors. Pkt., 10c; ½ oz., 20c; oz., 35c.

637 Japanese Giant Morning Glory. Larger than the common type, the range of colorings much greater. 8 feet. Pkt., 10c; ½ oz., 20c; oz., 35c.

Nemesia

Long blooming annual with large flowers, varying from creamy white to deep orange and carmine. Most useful for bedding. 1½ feet.

756 Strumosa Suttoni. Pkt., 10c.

Nemophila (Love Grove)

An attractive hardy annual, bearing cup-shaped flowers about an inch in diameter usually in shades of blue and white, often spotted with brown.

757 Mixed. Pkt., 10c; ¼ oz., 20c.

Ross' Colorful Nasturtiums

No other annual plant combines in so great a degree ease of culture, profusion of bloom and grace and beauty of flowers, as the Nasturtium.

Tall Nasturtiums

(*Tropaeolum majus*)

- 672 Choice Mixed. Many varieties; a wide range of colors. Pkt., 10c; oz., 15c; 2 ozs., 25c; ¼ lb., 40c; lb., \$1.40.
673 Special Mixture. Including dark-leaved varieties. Pkt., 10c; ½ oz., 15c; oz., 25c.

Worcester Tall Mixed

- 705 Worcester Mixed Tall Nasturtiums. Our own mixture of many varieties; comprises selections from all classes, including the New Variegated-Leaved or Queen, and choice mixtures from different growers. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75.

Semi-Dwarf Nasturtium

Double Sweet Scented

- 708 Gleam Hybrids. The Hybrids are a collection of gorgeously colored large, well-formed flowers of dazzling beauty. Pkt., 10c; oz., 20c.
709 Scarlet Gleam. The flowers are a fiery orange-scarlet. The individual blooms are of immense size, almost three inches across, much larger than any Nasturtium ever known. Pkt., 10c; oz., 25c.
710 Golden Gleam. Large golden flowers average 2½ to 3 inches across. They are borne on erect, stiff stems 6 inches long. The flowers stand well above the foliage. Pkt., 10c; oz., 20c.
711 Indian Chief. Brilliant scarlet, dark green foliage. Pkt., 10c; ½ oz., 30c; oz., 50c.
712 Mahogany. Dark mahogany-red. Pkt., 10c; oz., 30c.
714 Supreme. Salmon-cerise. Pkt., 10c; oz., 30c.



Dwarf Nasturtiums Are Ideal For Bedding

Dwarf Semi-Double Nasturtium

Sweet Scented

- 716 Golden Globe. Golden yellow. Pkt., 10c; oz., 30c.
718 Mahogany Gem. Deep mahogany. Pkt., 10c; ½ oz., 25c; oz., 40c.
720 Orange Gem. Clear orange. Pkt., 10c; ½ oz., 25c; oz., 40c.
722 Ruby Gem. Bright ruby-red. Pkt., 10c; ½ oz., 25c; oz., 40c.
724 Salmon Gem. Soft golden salmon. Pkt., 10c; ½ oz., 25c; oz., 40c.
726 Scarlet Globe. Scarlet. Pkt., 10c; ½ oz., 25c; oz., 40c.
728 Dwarf Double Gem Mixture. Sweet Scented. Dwarf compact gemlike plants, excellent color range. Pkt., 10c; oz., 30c.

Dwarf, or Tom Thumb Nasturtium

The dwarf Nasturtium is not surpassed by any other annual plant for bedding, being of the easiest culture, thriving in nearly all soils and blooms profusely.

- 742 Finest Mixed. Dark leaved varieties. Pkt., 10c; ½ oz., 15c; oz., 25c.
744 Ivy-Leaved Mixed. Ivy-shaped dark green leaves with white veins. The flowers are deeply lacinated and come in many attractive colors. Pkt., 10c; ½ oz., 15c; oz., 25c.
746 Choice Mixed. While not equal to the Worcester Mixed, of wide range of colors and will give pleasing results. Pkt., 10c; oz., 15c; 2 ozs., 25c; ¼ lb., 40c; lb., \$1.40.

Worcester Mixed Dwarf Nasturtium

747. Like the Worcester Tall Mixed, this is of our own preparation and cannot be surpassed in diversity of colors and types; includes all the named varieties and classes here described and other choice mixtures of noted growers. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75.
749 Variegated Leaved or Queen of Tom Thumbs, Mixed. Shades, light primrose, deep scarlet, crimson and deep orange more or less veined or spotted with other colors. Pkt., 10c; ½ oz., 15c; oz., 25c.



Golden Gleam
Nasturtiums



Fringed Petunia, Dainty Lady

Petunias A GARDEN FAVORITE

An attractive and favorite hardy annual. Used for window boxes, beds or borders. They will grow in almost any kind of soil, even the poorest, blooming profusely from early summer until frost.

- 811A **Betsy Ross.** Dwarf compact plants. The red and white blooms with golden and dark red throats are 2½ inches in diameter. Pkt., 25c.
- 812 **Celestial Rose.** Deep rose, compact. Pkt., 10c; ¼ oz., 50c.
- 813 **Grandiflora Single Fringed, Dainty Lady.** Compact, semi-dwarf plants with medium sized, delicately fringed light golden yellow flowers. Pkt., 50c.
- 814 **Finest Mixed.** A superior mixture. Pkt., 10c; ¼ oz., 20c; ½ oz., 40c; oz., \$1.50.
- 814A **Silver Blue (Heavenly Blue).** Light blue. Pkt., 10c; ½ oz., 50c.
- 815 **Cream Star (Hybrida Nana Compacta).** Flowers are a soft, creamy white, bluntly star shaped. Pkt., 15c.
- 815A **Glow.** Bright rose-red with a lighter throat. Pkt., 10c; ¼ oz., 50c.
- 815B **Hollywood Star.** Rich rose with amber throat, the form of flower consists of a five-pointed star. Pkt., 10c; ½ oz., 50c.
- 816 **Howard's Star.** Rich shade of maroon, with five-pointed star of white. Very pretty. Pkt., 10c; ½ oz., 40c.
- 817 **Dwarf Inimitable Mixed Colors.** Dwarf, bushy plants, flowers mostly beautifully striped and blotched. Pkt., 10c; ½ oz., 40c.
- 817A **Rose of Heaven.** Brilliant rose, dwarf. Pkt., 10c; ½ oz., 50c.
- 818 **Rosy Morn.** Extra select. A single flower, soft carmine-pink. A profuse bloomer. Pkt., 10c; ¼ oz., 50c; ½ oz., 80c; 1 oz., \$1.40.
- 818A **Salmon Supreme.** Soft salmon-pink with lighter throat. Pkt., 25c.
- 819 **Setting Sun.** Dwarf rose, very free-flowering. Pkt., 25c.
- 820 **Elk's Pride.** Largest and darkest velvety purple. Pkt., 25c.
- 820A **Flaming Velvet.** Deep velvety blood-red, about 15 inches in height and the flowers are large and borne in great profusion. Pkt., 10c; ½ oz., 50c.
- 820B **Martha Washington.** Blush-pink deepening to dark violet throat, ruffled flowers, dwarf. Blooms about 3 inches in diameter. Pkt., 20c.
- 820C **Snow Queen.** Large flowers, white. Pkt., 10c; ½ oz., 35c.
- 820D **Topaz Rose.** A fiery velvety rose slightly suffused with gold. The throat is the color of topaz. Pkt., 10c; ½ oz., 50c.

Nicotiana

(Flowering Tobacco)

Handsome, effective, half hardy annuals, blooming profusely the entire season and thriving in all soils.

758 **Affinis.** White, starlike flowers, deliciously fragrant, expand fully in the evening. 2 to 3 feet. Pkt., 10c; ¼ oz., 25c.

759 **Sanderae.** Rose-carmine; remarkably profuse in bloom. Unlike the Affinis, is in full bloom during the day. 3 to 3½ feet. Pkt., 10c; ¼ oz., 25c.

760 **Sanderae Hybrids.** New hybrids, comprising several distinct colors or shades. Pkt., 10c; ¼ oz., 25c.

Nierembergia (Dwarf Cup Flower)

760B **Hippomanica.** Lavender-blue flowers on dwarf compact plants. 4 to 6 inches high with a spread of 8 to 10 inches. Half-hardy perennial which will winter over if given some protection. Pkt., 25c.

Nigella

(Love-in-a-Mist; Lady-in-Green; Devil-in-a-Bush)

The blue or white flowers are half hidden in the abundant finely cut foliage, hence its common names. 1 to 1½ feet.

761 **Blue and White.** Mixed. Pkt., 10c; ¼ oz., 20c.

821 **Miniature Mixed.** Pkt., 10c; 1/16 oz., 40c.

823 **Dwarf Giants of California.** (Ramona Strain.) Dark and light colors. Pkt., 25c.

824 **Giants of California.** A superb strain. Flowers are of remarkable substance, enormous size and many are beautifully fringed. Pkt., 25c; 1/16 oz., \$2.50.

All Double Petunias

Acknowledged by countless testimonials to be 100 per cent double. Flowers frequently exceed 5 inches in diameter and are exquisitely ruffled and fringed in a vast range of brilliant intermediate colors.

822 **Victorious Dwarf Mixed.** Pkt., \$1.00.

825 **Double, Large-Flowered, Choice Mixed.** An excellent mixture comprising a large variety of colors, with a good percentage of double flowers. Pkt., 50c.

826 **Balcony Blue.** Dwarf type for porch or window boxes. Pkt., 10c; 1/16 oz., 40c.

827 **Balcony Rose.** Pkt., 10c; 1/16 oz., 40c.

828 **Balcony White.** Pkt., 10c; 1/16 oz., 40c.

829 **Balcony, Star of California.** Deep velvety violet, shaded crimson, with white star. Pkt., 10c; 1/16 oz., 40c.

829A **Balcony Mixed Colors.** Pkt., 10c; 1/16 oz., 35c.



Petunia, Cream Star

Poppy

Well-known hardy plants of quick growth, blooming profusely for a considerable time.

SINGLE ANNUAL POPPIES

- 862 **Tulip Poppy** (Glaucum). Large tulip-shaped flowers, deep scarlet. Pkt., 10c; $\frac{1}{4}$ oz., 20c.
- 870 **Shirley**. A lovely strain, delicate and rich shades. Pkt., 10c; $\frac{1}{4}$ oz., 20c.
- 871 **True Flanders**. The scarlet Poppy of the fields of Flanders. They flower the first season from spring-sown seed. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

DOUBLE ANNUAL POPPIES

- 878 **Carnation-Flowered**. Mixed. Fine, large, fringed flowers of many colors. Pkt., 10c; oz., 30c.
- 880 **Cardinal**. Very large, pure cardinal-red; deeply cut, dark green foliage. Pkt., 10c; $\frac{1}{4}$ oz., 30c.
- 884 **Peony-Flowered**. Mixed. Large, globular flowers, resembling a Peony. Pkt., 10c; oz., 30c.
- 885 **Shirley**. Double mixed. Pkt., 10c; $\frac{1}{4}$ oz., 25c.
- 886 **Tall Double Carnation-Flowered White**. (Fringed.) Flowers from 3 to 4 inches across; very double and finely fringed. Pure white. Pkt., 10c.
- 888 **Worcester Mixed**. Our own mixture of single and double annual varieties. All types and colors. Pkt., 10c; $\frac{1}{4}$ oz., 20c; oz., 60c.

CALIFORNIA POPPY. See Eschscholtzia.



Annual Poppies Are Profuse Bloomers

Phlox Drummondii

Phlox is one of the easiest and most satisfactory of all the summer-flowering annuals, even in poor or stony soil. Sow seed early in spring in a sunny location.

- 830 **Mixed Colors**. Pkt., 10c; $\frac{1}{4}$ oz., 25c; oz., 70c.
- 831 **Large Flowering**. Extra choice. Mixed colors. Our own mixture of the choicest and best strains from different growers. Pkt., 10c; $\frac{1}{4}$ oz., 30c; oz., \$1.00.
- 833 **Isabellina**. Pure yellow. Pkt., 10c; $\frac{1}{8}$ oz., 30c.
- 841 **Dwarf** (P. Drummondii nana compacta). 6 to 8 inches high. Mixed colors. Pkt., 10c; $\frac{1}{8}$ oz., 30c.
- 842 **Gigantea, Art Shades**. A giant flowered strain in soft pastel shades with large white eye. 8 to 10 inches high. Pkt., 10c; $\frac{1}{8}$ oz., 50c.
- 842A **Gigantea, Salmon Glory**. Pure salmon-pink with creamy white eye. Pkt., 25c.
- 843 **Star or Fringed** (P. Drummondii cuspidata). Mixed colors. Pkt., 10c; $\frac{1}{8}$ oz., 25c.



Phlox Drummondii

Primula (Primrose)

PRIMULA SINENSIS (Chinese Primrose).

A beautiful winter-blossom greenhouse perennial blooming from December to spring.

- 900 **Choicest Mixed**. Comprises the finest fringed varieties. Cannot supply.
- 902 **Malacoides**. Lilac. Pkt., 25c.

Portulaca

Well-known tender annuals, blooming profusely all summer. Thrive in most soils and locations, but succeed best in a light, sandy soil and sunny spot, enduring any amount of dry weather.

- 894 **Double Choice Mixed**. Usually from fifty to sixty per cent of the flowers will come double. Pkt., 10c; $\frac{1}{8}$ oz., 40c; $\frac{1}{4}$ oz., 65c; $\frac{1}{2}$ oz., \$1.15; oz., \$1.90.
- 895 **Single Scarlet**. Pkt., 10c; $\frac{1}{4}$ oz., 20c; $\frac{1}{2}$ oz., 35c.
- 896 **Rose**. Pkt., 10c; $\frac{1}{4}$ oz., 20c; $\frac{1}{2}$ oz., 35c.
- 899 **Single Mixed**. Pkt., 10c; $\frac{1}{4}$ oz., 25c; $\frac{1}{2}$ oz., 40c.

Rhodanthe

One of the finest everlasting flowers and an excellent plant for garden decoration. If flowers are gathered before they are fully expanded and dried in the shade they will retain their color for years.

- 920 **Mixed Colors**. All shades of pink, rose, crimson and white. Pkt., 10c.

Rudbeckia (Coneflower)

To this family belong the favorite plants Golden Glow and Black-Eyed Susan.

923 Bicolor Superba. Bright yellow, with velvety brown spots at base of petals. Two feet. Pkt., 10c; ¼ oz., 25c.

924 My Joy. Giant Black-Eyed Susan. Large orange-yellow flowers, dark cone. Pkt., 10c; ⅓ oz., 40c.

Salpiglossis

(Velvet Flower; Painted Tongue)

Graceful, half-hardy annual, blooming from August to October. Seed may be sown in the house the last of March or in the open ground in May. 2 feet.

928 Grandiflora. Choicest mixed. Extra large flowered strain. Pkt., 10c; ⅓ oz., 25c.

929 Emperor. Mixed colors. New type with one thick leading stem, flowers large and distinct in their beautiful veinings of gold. Pkt., 10c; ⅓ oz., 30c.

Salvia (Scarlet Sage)

A mass of bloom from late summer until killed by frost; tender perennial, treated as an annual. Seed should be sown early indoors, or in hotbed and the plants set out when the weather has become warm.

934 America, or Globe of Fire. Semi-dwarf, rounded. Scarlet flowers. 16 inches. Pkt., 10c; ⅓ oz., 40c.

935 Splendens Grandiflora. The well-known Scarlet Sage. 2 feet. Pkt., 10c; ⅓ oz., 40c.

936 Bonfire (Clara Bedman). Compact, bushy growth. Blooms earlier and more profusely. Intense scarlet. 2 feet. Pkt., 10c; ⅓ oz., 40c.

937 Farinacea, Blue Bedder. Compact deep blue. 3 feet. Pkt., 10c; ⅓ oz., 40c.

938 Zurich. Dwarf compact, brilliant scarlet flowers blooming in July. 12 inches. Pkt., 10c; ⅓ oz., 60c.

Early Flowering Sweet Peas

American Beauty. Rich crimson-rose on white ground. Pkt., 10c; ½ oz., 30c; oz., 50c.

Ball's Orange. Rich orange. Pkt., 10c; ½ oz., 30c; oz., 50c.

Ball's Rose Imp. Rich deep rose, suffused with salmon-pink. Pkt., 10c; ½ oz., 30c; oz., 50c.

Boy Blue. Large dark blue. Pkt., 10c; ½ oz., 30c; oz., 50c.

Bridesmaid. Deep silvery pink on white ground. Pkt., 10c; ½ oz., 30c; oz., 50c.

Emblem. Soft salmon-pink on cream, long stems. Pkt., 10c; ½ oz., 30c; oz., 50c.

Giant Rose. Extremely large rose-pink. Pkt., 10c; ½ oz., 30c; oz., 50c.

Harmony. Beautiful clear lavender. Pkt., 10c; ½ oz., 30c; oz., 50c.

Jeanne Mamitsch. Bright rich pink. Pkt., 10c; ½ oz., 30c; oz., 50c.

Laddie Imp. Giant rose-pink, long stemmed. Pkt., 10c; ½ oz., 30c; oz., 50c.

Memory. Clear rosy lavender, large wavy flowers. Pkt., 10c; ½ oz., 30c; oz., 50c.

Mrs. Herbert Hoover. Clear deep blue. "California Blue." Pkt., 10c; ½ oz., 30c; oz., 50c.

Prosperity. Rich salmon-pink on cream. Pkt., 10c; ½ oz., 30c; oz., 50c.

Shirley Temple. Large, soft pink, frilled. Long stems. Pkt., 10c; ½ oz., 30c; oz., 50c.

Silver King. Beautiful light silver-blue. Pkt., 10c; ½ oz., 30c; oz., 50c.

Snow Queen. (New.) Pure white, black seeded, opens and retains pure white color. Pkt., 10c; ½ oz., 30c; oz., 50c.

Snowstorm Imp. Large pure white, white seeded. Pkt., 10c; ½ oz., 30c; oz., 50c.

Vulcan. The most vivid scarlet. Sunproof. Pkt., 10c; ½ oz., 30c; oz., 50c.

No. 1295

Rainbow Assortment of Our Best Mixed Sweet Peas

SPENCER VARIETIES

The varieties consist of Giant and Orchid-Flowered, both Spencer Unwin types and many other unnamed Spencers. Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., \$2.00.

No. 1296

Blue Ribbon Assortment of CHOICE Mixed Spencer Sweet Peas

Containing the new Orchid-Flowering and Eckford's Large-Flowering Hybrids in great variety with other older types of known popularity.

Price: Oz., 10c; ¼ lb., 35c; lb., \$1.15.



Ross' Colorful Sweet Peas

Leading Spencer Varieties

All uniform price except where noted:
Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 30c; $\frac{1}{4}$ lb., 75c, postpaid.

Multi-Color Shades

Station Master. Salmon-pink, flushed rosy cerise.

Sunkist. Cream with picotee edge of rose.

Youth. White, edged rose-pink.

Blue Shades

Bluebird. Pure violet-blue.

Capri. Clear silver-blue, long stems, vigorous grower.

Heavenly Blue. Delphinium-blue.

Cream and Primrose Shades

Dobbie's Cream. Rich primrose.

Mary Pickford. Dainty cream-pink-salmon.

What Joy. Rich, suffused cream.

Salmon and Orange Shades

Barbara. Soft salmon.

Prince of Orange. Deep rich orange.

Gold Crest. Orange, overlaid with a salmon sheen.

Crimson-Scarlet Shades

Charity. Rich crimson.

Crimson King. Rich, deep crimson.

Fiery Cross. Scarlet-cerise, slightly suffused orange.

Red Boy. Pure rich crimson, long stems, vigorous.

Rubicund. Dazzling crimson-scarlet, extra long stems.



Spencer Sweet Pea, Pinkie



Spencer
Sweet
Pea,
Prince of
Orange

Lavender and Purple Shades

Ambition. Rosy lavender, extra long stems.

Austin Frederick Improved. A large rosy lavender.

Highlander. Large-flowered clear lavender.

Royal Purple. A rich purple.

Maroon and Chocolate Shades

Leviathan. Rich maroon.

Warrior. Deep chocolate-maroon.

Pink Shades

Bonnie Briar. Large, rose-pink.

Fluffy Ruffles. Light cream-pink.

Miss California. Salmon-pink.

Pinkie. Large, rose-pink.

Simplicity. Rich salmon-pink on cream.

Melody. Golden salmon-pink on cream ground.

White Shades

Gigantic. Large pure white. Long stemmed.

Kames. Black-seeded pure white.

King White. Large pure white. White seeded.

Sextet Queen. Pure white, 5 or 6 flowers on stem. Black seeded.

Spring-Flowering Sweet Peas

Spring-Flowering Rose-Pink. New class maturing between early-flowering and late-flowering classes. Outdoors it is also free blooming, believed more heat resistant and a little earlier than regular Spencer varieties. Pkt., 25c.

Spring-Flowering Blue. Lavender marine-blue in color. Pkt., 25c.



Large Flowered Scabiosa, Mixed Colors

Sanvitalia

940. Double; fine for bedding, borders or rockeries. The flowers are bright yellow. Pkt., 10c; $\frac{1}{8}$ oz., 25c.

Scabiosa (Mourning Bride)

The flowers are large and double, with a great variety of colors. Of easy culture and blooms freely from July until hard frost. Hardy annual. 2½ feet.

941 **Imperial Giants, Blue Moon.** Extremely large, well-formed flowers with fully double, broad frilly petals, rounded beehive shape. Pkt., 25c.

941A **Heavenly Blue.** About 18 inches tall, free-flowering, with fully double 1½-inch flowers. Very early, azure-blue, distinct. Pkt., 10c.

942 **King of the Blacks.** Large flowered, tall double, red-dish black. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

943 **Rosette.** Large-flowered, tall, double. Deep rose, heavily suffused with salmon. Pkt., 10c; $\frac{1}{8}$ oz., 50c.

944 **Shasta.** Large flowered, tall double. Pure white, very large. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

945 **Large-Flowered.** Mixed colors. Fine, large double flowers in a wide range of colors. Pkt., 10c; $\frac{1}{4}$ oz., 20c.

SCARLET RUNNER. See Beans—Ornamental Varieties.

Schizanthus

(Butterfly, or Fringe Flower)

Showy half-hardy annuals, very decorative for garden beds and unsurpassed in pots for the conservatory.

948 **Grandiflorus Hybrids.** Very fine varieties. Pkt., 10c; $\frac{1}{8}$ oz., 25c.

949 **Wisetonensis.** Containing the most beautiful shades of white, pink, rose and crimson. Excellent for pot culture. Pkt., 10c; $\frac{1}{8}$ oz., 25c.

Sensitive Plant (Mimosa Pudica)

950 **Pudica.** Globular heads of small pink flowers. Tender annual. 1½ feet. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

SNAPDRAGON. See Antirrhinum.

SOLANUM CAPSICASTRUM. See Jerusalem Cherry.

Smilax

955. A climbing plant, unsurpassed for its graceful foliage and orange blossom fragrance of its flowers. Pkt., 10c; $\frac{1}{4}$ oz., 35c.

Statice

Beautiful everlasting with spreading panicles of tube-like flowers that are decorative either in the garden or when cut.

956 **Suworowi Pink.** Pkt., 10c; $\frac{1}{4}$ oz., 35c.

956A **Sinuata Blue.** Pkt., 10c; $\frac{1}{4}$ oz., 25c.

956B **Sinuata Yellow.** Pkt., 10c; $\frac{1}{4}$ oz., 25c.

956C **Sinuata White.** Pkt., 10c; $\frac{1}{4}$ oz., 25c.

Sweet William

1310 **Annual Finest Mixed.** Pkt., 10c; $\frac{1}{4}$ oz., 35c.

Stock (Gilliflower)

One of the most popular annuals, remarkable for its profusion of bloom, brilliancy and diversity of colors and lasting quality of its flowers.

957 **Beauty of Nice.** Mammoth flowering. Delicate flesh-pink, extra large spike. Pkt., 10c; $\frac{1}{8}$ oz., 50c.

958 **Mont Blanc.** Purest white. Pkt., 10c; $\frac{1}{16}$ oz., 25c.

959 **Monte Carlo.** Canary-yellow. Pkt., 10c; $\frac{1}{16}$ oz., 25c.

961 **Summer Night.** Rich deep blue. Pkt., 10c; $\frac{1}{16}$ oz., 25c.

DRESDEN PERPETUAL OR BRANCHING (Cut-and-Come-Again)

A perpetual blooming class of branching habit; double fragrant flowers. 2 feet.

967 **Choicest Mixed.** Pkt., 10c; $\frac{1}{16}$ oz., 25c; $\frac{1}{8}$ oz., 40c.

971 **Large-Flowered Double Ten Weeks Mixed.** Seeds grown in the open ground instead of in pots, therefore cheaper. A good range of colors. 1½ feet. Pkt., 10c; $\frac{1}{8}$ oz., 25c; $\frac{1}{4}$ oz., 40c.

972 **Double Early Giant Imperial Mixed.** (Imp. Bismarck.) Pkt., 10c; $\frac{1}{8}$ oz., 40c.

DOUBLE GIANT COLUMN

Immense fully double close-spaced flowers, one 2-ft. to 2½-ft. spike per plant. This is a strictly non-branching strain.

972A **Mixed Colors.** Pkt., 25c.



Ten Weeks' Stocks



Verbena, Mammoth White

Sunflower (Helianthus)

The Sunflower grows well in all soils if fully exposed to the sun. The taller varieties make excellent background to other plants.

975 *Cucumerifolius* (Miniature Sunflower). Small single flower, rich yellow. 4 feet. Pkt., 10c; ½ oz., 25c.

976 *Globosus Fistulosus* (Globe or Dahlia Sunflower). Flowers large, double, of a rich saffron color. 6 feet. Pkt., 10c; ½ oz., 25c.

977 *Red Sunflower*. The new Red Sunflower is easily grown from seed the same as all of the *Helianthus* family. Pkt., 10c; ½ oz., 30c.

980 *New Miniature Varieties*. Colors of yellow and creamy white. Some are large, some have twisted petals and some black centers. Pkt., 10c; ½ oz., 25c.

984 *Double Chrysanthemum-Flowered*. Flowers larger than the preceding; full and double. Orange-yellow. 5 feet. Pkt., 10c; ½ oz., 35c.

986 *Russian Mammoth*. Very large. 7 to 9 feet. Oz. pkt., 10c.

SWEET SULTAN. See *Centaurea*, page 36.

Tagetes (Scotch Marigold)

1312 *Signata Pumila*, Little Giant. 6 to 8 inches. A bright yellow color. Pkt., 10c; ¼ oz., 30c.

Thunbergia

1315 *Mixed*. An annual vine, growing about 4 feet high, bearing medium-sized flowers, white, buff or orange, with dark eye. Largely used in hanging baskets or window boxes. Pkt., 10c; ¼ oz., 25c.

Verbena

Favorite annuals, thriving in nearly all soils. Useful for beds, borders, carpeting ground and vases.

1319 *Mammoth Golden Queen*. Clear golden yellow. Pkt., 10c; ½ oz., 35c.

1320 *Mixed Colors*. A good strain, all colors of old type. Pkt., 10c; ½ oz., 40c; oz., 70c.

1321 *Mammoth Mixed Colors*. Best large flowering sorts of many colors. Pkt., 10c; ½ oz., 50c; oz., 90c.

1322 *Scarlet Defiance*. Large trusses of deep, rich scarlet. Pkt., 10c; ½ oz., 35c.

1323 *Mammoth White*. Truss and flowers large, fragrant. Pkt., 10c; ½ oz., 35c.

1324 *Royal Bouquet*. Finest mixed. Upright, large flowers, auricula-eyed, especially good for pot culture. Pkt., 15c; ½ oz., 60c.

1325 *Mammoth Mayflower*. Beautiful pink. Pkt., 10c; ½ oz., 30c.

1326 *Crimson Glow*. Rich glowing crimson. The plants are semi-compact in habit with foliage of small type. Pkt., 15c.

1327 *Fireball* (*Nana Compacta*). A dwarf compact Verbena, growing about 6 inches high and covered with bright scarlet blooms. Pkt., 10c.

1328 HYBRID COMPACTA TYPE

(Edging Verbena)

They are excellent for the annual rock garden in a sunny position, for borders or edgings, or for window boxes or pots. Mixed colors. Pkt., 10c; ½ oz., 50c.

Wild Cucumber Vine

1346 *Wild Cucumber* (*Echinocystis lobata*). One of the most rapid growing climbers with white, fragrant flowers. Seed may be sown either in the fall or spring. Pkt., 10c; ½ oz., 20c; oz., 35c.

Of Special Interest to the Kiddies

1386 *Wild Flower Garden Mixture*. A mixture of many free-blooming annuals which, once sown, require little care. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., 80c.

1387 *Old-Fashioned Flower Garden Mixture*. This is a mixture of old standard varieties of flower seeds which will give a supply of flowers for cutting throughout the entire season. Pkt., 10c.

WORCESTER DOLLAR COLLECTION

Annual Chrysanthemum. Mixed colors.

Asters. Worcester mixed.

Balsam. Choice mixed.

Calendula. Choice mixed.

Carnation. Double fine mixed.

Cosmos. Large early flowering.

Helichrysum. Mixed colors.

Nasturtium. Dwarf mixed.

Pansy. Worcester mixed.

Phlox. Finest mixed.

Portulaca. Single mixed.

Salpiglossis. Mixed colors.

Scabiosa. Mixed.

Sweet Alyssum. Little Dorrit.

Verbena. Mixed colors.

15 Packets
of Lovely
Annuals
Anyone Can
Grow
For \$1.00
Only
Postpaid



ROSS' ZINNIAS

1350 Mixed Colors. Improved strain, all colors, large flowers. 2 feet. Pkt., 10c; ¼ oz., 20c; oz., 60c.

1350A Linearis. Dwarf early flowering. The single flowers are deep golden orange, with a delicate light yellow stripe which contrasts boldly with the dark center, plants 8 to 10 inches high with a spread of as much as 2 feet. Pkt., 15c; ½ oz., 40c.

Mammoth-Flowered Zinnia

The plants grow from 2½ to 3 feet high and are covered with myriads of densely double flowers, measuring from 4 to 6 inches in diameter.

1351 Mammoth Crimson

1352 Mammoth White

1353 Mammoth Scarlet

1354 Mammoth Yellow

1355 Burnt Orange

1356 Deep Salmon-Rose

Each, pkt., 10c; ¼ oz., 35c.

1358 Mammoth. Mixed colors. Pkt., 10c; ¼ oz., 25c; oz., 75c.

Pumila Dwarf Double

(Cut-and-Come-Again)

Bushy plants about 1½ ft. tall. The flowers average about 2½ inches across, well rounded and freely produced on long stems. Ideal for cutting.

1360 Finest Mixed. Pkt., 10c; ¼ oz., 25c.

Lilliput

(Pompon or Baby Zinnias)

The Lilliputs are fast supplanting all other types of Zinnias for cut flower use. The flowers are small, compact and symmetrical, on strong stems.

1362 Pastel Mixture. Pkt., 10c; ¼ oz., 30c.

1363 Finest Mixed. Pkt., 10c; ¼ oz., 25c.

1364 Fantasy Mixed. Double rounded flowers composed of a mass of shaggy raylike petals. The color range includes the brightest shades of red and orange, as well as the popular pastel pinks and cream. Pkt., 10c; ½ oz., 35c.

1365 Scabious Flowered Mixture. Plants 2 to 2½ feet, bearing numerous medium sized flowers resembling the annual Scabiosa. Pkt., 10c; ½ oz., 40c.

Super Crown O' Gold

1366 Pastel Tints. Flowers are large and showy, 5 to 5½ inches in diameter. Strictly a mixture of pastel tints. The plants are strong and robust, growing about 3 feet tall. Pkt., 15c; ½ oz., 40c.

Zinnia, New Giant Dahlia-Flowered

The plants are of medium height, 2½ to 3 feet tall, very robust, bearing many strong stems of the fully double, huge flowers which resemble the show type of Dahlia.

1367 Will Rogers. Brilliant scarlet-red.

1368 Crimson Monarch. Deep crimson.

1370 Dream. Deep rosy lavender.

1372 Exquisite. Color light rose, center a deep rose (Tyrian rose).

1374 Oriole. Immense orange and gold bicolor, changing slightly as it ages.

1376 Old Rose. Real old rose shade; large and beautiful.

1378 Polar Bear. Large, pure white, the best in Zinnias. True Dahlia form.

Each of the above, pkt., 15c; ½ oz., 30c; ¼ oz., 45c.

1380 Special Mixture Gold Medal Strain. A well-blended mixture containing all the above novelties. Pkt., 15c; ½ oz., 25c; ¼ oz., 45c.

1388 Lilliput Tom Thumb. Mixed. Plants 4 to 6 inches, compact, covered with well-formed flowers of the Lilliput type. Pkt., 10c; ½ oz., 35c.

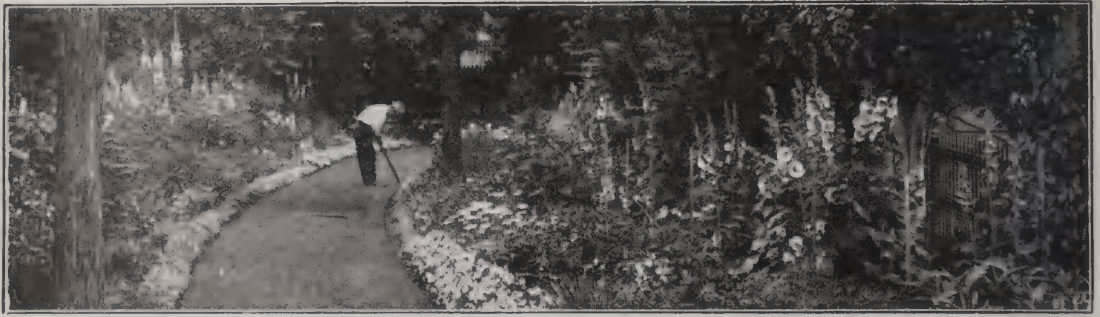
1390 Gaillardia Flowered. Finest mixed. (Navajo.) Flowers resemble a Picta Double Gaillardia in both form and colorings. Pkt., 10c; ½ oz., 35c.

Most Useful of Flowers

The most gorgeous annuals with a wonderful range of color, flowers of velvety texture, extremely double, with long stems and good keeping qualities.



Giant Dahlia-Flowered Zinnias Are the Foundation of the Garden



"Flowers Have Been Called the Smiles of God"

HARDY PERENNIALS

That Endure for Years

Achillea

135 *Ptarmica* (The Pearl). Bears clusters of pure white flowers abundantly all summer; fine for cutting; also for cemetery planting. 12 to 18 inches. Pkt., 10c; $\frac{1}{8}$ oz., 50c.

Aconitum

136 *Napellus* (Monkshood). Large, porcelain-blue hood-shaped flowers; very effective in borders; valuable for cutting. $1\frac{1}{2}$ feet high. Pkt., 10c; $\frac{1}{8}$ oz., 30c.

Adlumia

140 *Cirrhus* (Mountain Fringe; Allegheny Vine). A beautiful, hardy, climbing biennial. The feathery foliage resembles that of the maidenhair fern. Rapid growth. Small, tube-shaped pink blossoms. Desirable for covering trellises, stumps, etc. 10 to 15 feet. Pkt., 10c; $\frac{1}{8}$ oz., 40c.

Adonis

145 *Vernalis* (Ox-Eye). Hardy perennial, blooming early in spring. Flowers large, yellow. 18 inches. May and June. Pkt., 10c; $\frac{1}{8}$ oz., 40c.

Agrostemma

Pretty, free-blooming plants of easy culture, especially desirable for dry situations. Excellent for cutting.

161 *Coronaria* (Rose Campion). One of the earliest hardy perennials. $1\frac{1}{2}$ feet. Pkt., 10c; $\frac{1}{4}$ oz., 25c.



Anemone Coronaria, DeCaen and St. Brigid

Alyssum (Gold Dust)

170 *Saxatile Compactum*. Hardy, compact growth, producing a mass of golden yellow flowers in April. Height 1 foot. Of easy culture. Excellent for rockeries and borders. Pkt., 10c; $\frac{1}{8}$ oz., 25c.

Ampelopsis

182 *Veitchi* (Boston Ivy). Pkt., 10c; $\frac{1}{2}$ oz., 30c.

Anchusa

186 *Dropmore Variety*. This variety yields an abundance of brilliant blue flowers. 4 feet. June and July. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

Anemone

A very popular, hardy garden perennial.

188 *Coronaria, French* (De Caen). Fine mixed. 1 foot. Pkt., 10c.

189 *Coronaria, St. Brigid*. An improved strain, bearing larger and more brilliant flowers and remaining in bloom longer. 1 foot. Pkt., 10c.

Anthemis

(Hardy Golden Marguerite)

A beautiful, hardy perennial; golden yellow, daisy-like flowers, excellent for cutting. Height 2 feet.

190 *Kelwayi*. Pkt., 10c; $\frac{1}{8}$ oz., 25c; $\frac{1}{4}$ oz., 40c.

Aquilegia

(Columbine)

Beautiful free flowering hardy perennials, blooming throughout the spring and early summer. Of easy cultivation and will thrive in partial shade. 1 to 3 feet.

200 *Single Mixed*. Pkt., 10c; $\frac{1}{8}$ oz., 25c; $\frac{1}{4}$ oz., 40c.

202 *Double Mixed*. Pkt., 10c; $\frac{1}{8}$ oz., 30c; $\frac{1}{4}$ oz., 50c.

204 *Coerulea Hybrida Fl. Pl.* Long spurred, flowering hybrids in fine colors. Pkt., 10c; $\frac{1}{8}$ oz., 40c.

Arabis (Rock Cress)

209 *Alpina*. Charming low-growing, very early spring-flowering plant. Splendid for edging or for the rockery. Pure white flowers. 5 inches. April, May. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

Aristolochia

215 *Elegans* (Dutchman's Pipe). A hardy perennial vine of rapid growth with large, glossy heart-shaped leaves, bearing curious yellowish brown blossoms, somewhat resembling a pipe. 15 to 20 feet. Pkt., 10c; $\frac{1}{8}$ oz., 40c.



Aquilegia

Armeria

215A **Lauchena** (Dwarf Thrift). Very free flowering, dwarf variety, with medium sized flower heads of deep rose. They combine very nicely with Forget-me-nots in the rockery or dwarf border. 6 inches. Pkt., 15c; 1/16 oz., 50c.

Aubrietia (Rainbow Rock Cress)

220 **Large Flowered Hybrids**. Dwarf free flowering plants with masses of blue and rose shade flowers in early spring. 6 to 8 inches. Pkt., 25c.

Bellis Perennis (Double Daisy)

A perennial plant, bearing in early spring small double white or rose-colored flowers. It is generally classed as hardy, but really needs a slight protection through the winter. 4 inches.

246 **Longfellow**. Dark rose. Pkt., 10c; 1/8 oz., 50c.

247 **Snowball**. Pure white. Pkt., 10c; 1/8 oz., 50c.

247A **Red Quilled**. Pkt., 10c; 1/8 oz., 50c.

248 **Monstrosa Double Mixed**. Each plant produces 12 to 15 flowers that measure 2 to 3 inches across, carried on long, strong stems. Pkt., 10c; 1/8 oz., 50c.

248A **Bellis Beata, Red**. A new Daisy that grows 8 inches high. Flowers measure from 2 to 3 inches across on long strong stems. Pkt., 10c; 1/16 oz., 60c.

248B **Bellis Beata**. Finest mixed. Pkt., 10c; 1/16 oz., 50c.



Double Sunburst Coreopsis

Canterbury Bells

(Campanula Medium)

Showy hardy biennials about 3 feet high, covered with large bell-shaped flowers. The Calycanthema (Cup-and-Saucer) class is so named because of the broadening of the calyx into a saucer-shaped secondary flower.

267 **Prize Mixture**. A superb mixture of all classes, single, double, and cup-and-saucer. Pkt., 10c; 1/8 oz., 25c.

268 **Single Mixed Colors**. Pkt., 10c; 1/8 oz., 20c.

269 **Double Mixed Colors**. Pkt., 10c; 1/8 oz., 25c.

270 **Calycanthema**. Rose-pink. Pkt., 10c; 1/8 oz., 30c.

272 **Calycanthema** (Cup-and-Saucer). Mixed colors. Pkt., 10c; 1/8 oz., 30c.

273 **Calycanthema**. Blue. Pkt., 10c; 1/8 oz., 30c.

274 **Calycanthema**. White. Pkt., 10c; 1/8 oz., 30c.

274B **Carpatica** (Harebell). Dainty light violet-blue bells opening upward. Pkt., 10c; 1/8 oz., 35c.

Carnation (Hardy)

288 **Chabaud's Giant Double Mixed**. Flowers large, a high percentage double. Deliciously fragrant and greatly varied in coloring. Pkt., 10c; 1/8 oz., 30c.

290 **Dwarf Vienna**. Blooms early the second summer from seed. The hardest sort, said to stand the winter with a slight protection. Flowers large, double, fragrant and of varied colors. Pkt., 10c; 1/8 oz., 30c.



Centaurea, Montana Blue

292 **Grenadin, Finest Mixed**. Early, free flowering, medium large, upright growing, long slender stemmed hardy Carnation. Foliage is grassy, of the Dianthus type. Does not bloom until the second year. Pkt., 10c; 1/8 oz., 35c.

COLUMBINE. See Aquilegia.

Centaurea

328 **Montana, Blue** (Perennial Cornflower). Large violet-blue flowers. 2 feet. Pkt., 10c; 1/8 oz., 25c.

Cheiranthus

334 **Allioni** (Siberian Wallflower). Brilliant orange. 1 foot. Pkt., 10c; 1/4 oz., 25c.

335 **Allioni, Golden Bedder**. Golden yellow. Pkt., 10c; 1/8 oz., 20c.

Clematis

340 **Paniculata**. One of the finest hardy perennial climbers. Of robust habit and covered from the ground to the summit with pure white, fragrant flowers. The flowers are followed by pretty seed pods of bronzy red. 12 feet. Pkt., 10c; 1/4 oz., 30c.

Coreopsis

For Annual Varieties, see Calliopsis.

358 **Lanceolata Grandiflora**. The flowers are a rich golden yellow, often 3 inches in diameter, borne on fine, long stems; desirable for cutting. Pkt., 10c; 1/4 oz., 30c; 1/2 oz., 50c.

358A **Double Sunburst**. Large, golden yellow, fully double flowers. Pkt., 10c; 1/8 oz., 35c; 1/4 oz., 60c.



Canterbury Bells

Dahlia

One of our best autumnal flowering plants. Blooms until killed by frost; tuberous rooted, half-hardy perennials; blooming the first year from seed, if sown early. Protect the roots during winter in a dry cellar in peat moss or sand.

371 Unwin's Dwarf Giant-Flowered. Early flowering semi-double strain of Dahlias, producing gorgeous blossoms of almost every color combination from midsummer until late autumn. Pkt., 10c; $\frac{1}{8}$ oz., 50c.

372 Special Mixture of Giant-Flowered Single Varieties. Comprises seed from noted English and Holland growers. Pkt., 10c; $\frac{1}{8}$ oz., 35c; $\frac{1}{4}$ oz., 60c.

373 Double Large-Flowered. Mixed colors. Saved from the finest show varieties. Pkt., 10c; $\frac{1}{8}$ oz., 35c; $\frac{1}{4}$ oz., 60c.

DAHLIA BULBS. See pages 59 and 60.

Daisy

378 Shasta Daisy. Large, pure white flowers blooming in great abundance all summer. 1 to 2 feet. Pkt., 10c; $\frac{1}{16}$ oz., 25c; $\frac{1}{8}$ oz., 40c.

Michaelmas Daisies (Perennial Single Aster). Beautiful and showy, hardy perennials easily grown from seed, blooming profusely in the autumn months, and the first season if seed is sown early.

381 Mixed Colors. Pkt., 10c; $\frac{1}{16}$ oz., 35c.

For other flowers known as Daisies, see Anthemis, Brachycome and Chrysanthemums.

Delphiniums

393 Gold Medal Strain. Seeds taken from the Gold Medal strain. Double and single and includes light blue, intense deep blue and many lighter shades. 6 to 8 feet. Pkt., 25c; $\frac{1}{8}$ oz., 60c.

394 Pacifica Giants Mixed. (Vetterle & Reinelt.) Flowers extremely large and well formed, $2\frac{1}{2}$ to $3\frac{1}{2}$ inches in diameter, practically 100 per cent double. This strain is comparatively mildew resistant. Pkt., 50c.

395 De Luxe Hybrids Choice Mixed. Pkt., 10c; $\frac{1}{8}$ oz., 40c.

396 Wrexham Hollyhock Strain. This strain is a fine mixture of light and dark shades. The flowers are large, truly double, well placed on long spikes. 6 feet. Pkt., 15c; $\frac{1}{8}$ oz., 75c.

397 Chinensis Alba. Pure white. 2 to 3 feet tall. Pkt., 10c; $\frac{1}{8}$ oz., 30c.

397 Nudicaule. Scarlet. 2 feet. Pkt., 10c; $\frac{1}{8}$ oz., 50c.

Clove or Grass Pinks

(*Dianthus Plumarius*)

Improved forms of the old well known Clove Pink. They grow anywhere and bloom very profusely. Very useful for the hardy border.

416 Single (Pheasant's Eye Pink). Mixed colors. Pkt., 10c; $\frac{1}{8}$ oz., 20c.

417 Double and Semi-Double. Mixed colors. Pkt., 10c; $\frac{1}{8}$ oz., 25c.

418 Florist's Perpetual Pink (*D. semperflorens*). Double and semi-double; large flowers; very fragrant and many colors. Blooms nearly all summer and if sown in March will generally bloom the first season. Pkt., 10c; $\frac{1}{8}$ oz., 30c.

Dianthus

419A Loveliness. Shaggy appearing finely fringed flowers of delicate rosy lilac highly sweet scented and measure from $1\frac{1}{2}$ to 2 inches across. 12 to 15 inches high. Pkt., 25c.

Dielytra

421 Spectabilis (Bleeding Heart). The flowers are heart shape, varying from light pink to rosy crimson. Leaves are light transparent green. Blossoms in April and May. Pkt., 25c.

Digitalis (Foxglove)

Favorite hardy plants bearing in June and July tall flower spikes. Of easy culture. Hardy biennial or perennial. $2\frac{1}{2}$ to 3 feet.

424 Monstrosa. Mixed colors. Monstrous flowers. Attractive Pkt., 10c; $\frac{1}{8}$ oz., 25c.

430 Gloxiniaeflora, The Shirley. Giant hybrids, spotted throats. Pkt., 10c; $\frac{1}{8}$ oz., 25c.

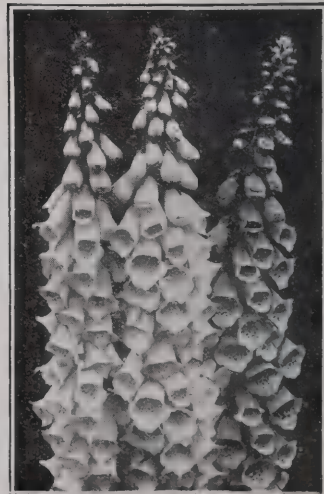
431 Gloxiniaeflora. Finest spotted varieties. Mixed. Pkt., 10c; $\frac{1}{8}$ oz., 20c; $\frac{1}{4}$ oz., 35c.



Delphinium, Gold Medal Strain



Dianthus, Loveliness



Digitalis Purpurea



Hibiscus, Giant Flowered

Forget-Me-Not (Myosotis)

Favorite half-hardy perennials, mostly treated as annuals; nearly all blooming the first season from seed sown early in the open ground.

- 454 *Alpestris*, Royal Blue. Rich indigo-blue. Pkt., 10c; $\frac{1}{8}$ oz., 25c.
- 455 *Alpestris*, Blue Basket. The deepest blue of all Forget-me-nots. Plants grow upright and splendid for borders or cutting. Pkt., 10c; $\frac{1}{8}$ oz., 25c.
- 457 *Palustris* (True Forget-me-not). Dark blue; blooms the first season. Pkt., 10c; $\frac{1}{8}$ oz., 30c.
- 459 *Palustris* *Semperflorens*. Blue. Blooms in 8 to 10 weeks from sowing. Pkt., 10c; $\frac{1}{8}$ oz., 30c.
- 460 *Dissitiflora*, Perfection. Large flowered, blue. Pkt., 10c; $\frac{1}{8}$ oz., 60c.
- 461 *Victoria*. The flowers are large, bright azure-blue, with yellow centers. Best for edging. Pkt., 10c; $\frac{1}{8}$ oz., 25c.
- 462 *Victoria* *Rosea*. Rose, dwarf large-flowered. Pkt., 10c; $\frac{1}{8}$ oz., 25c.
- 463 *Victoria* Indigo-Blue. Pkt., 10c; $\frac{1}{8}$ oz., 25c.
- 464 *Victoria* White. Pkt., 10c; $\frac{1}{8}$ oz., 25c.

Gaillardia (Blanket Flower)

Flowers large, with rich shades of scarlet, orange and crimson, the three often combined in one flower. If sown early, will bloom in the first season. $1\frac{1}{2}$ to 2 feet.

- 478 *Grandiflora*, Large Flowered Choice Mixed. A splendid mixture; comprises all the colorings known. Pkt., 10c; $\frac{1}{8}$ oz., 20c.
- 478A *Burgundy*. Coppery scarlet flowers $2\frac{1}{2}$ inches in diameter. If started early indoors flowers may be produced the first season from seed. Pkt., 10c; $\frac{1}{8}$ oz., 40c.

Geum

Free flowering, producing a wealth of attractive flowers much prized for cutting. Excellent for borders.

- 486 *Lady Stratheden*. Flowers loosely double; a delightful shade of golden yellow. Pkt., 10c; $\frac{1}{8}$ oz., 40c.
- 487 *Mrs. Bradshaw*. The double orange-scarlet flowers are very large and full. 2 feet. Pkt., 10c; $\frac{1}{8}$ oz., 40c.

Gypsophila (Baby's Breath)

Flowers very small, borne in loose graceful panicles. Used in bouquets with other cut flowers. 2 feet.

- 502 *Pacifica*. Rose, blooms when *Paniculata* varieties have passed. Excellent for cutting. Pkt., 10c; $\frac{1}{16}$ oz., 50c.
- 504 *Paniculata* *Flore Pleno*. A fine, new double of the purest white, the flowers forming miniature balls of white petals. Pkt., 10c; $\frac{1}{16}$ oz., 50c.
- 506 *Paniculata*. White. The variety more generally known as Baby's Breath. Hardy perennial. Pkt., 10c; $\frac{1}{4}$ oz., 25c; $\frac{1}{2}$ oz., 40c.

Helenium

A very valuable hardy perennial, bearing in profusion in August and September, long-stemmed, single flowers; fine for cutting.

- 510 *Autumnale Superbum*. Deep golden yellow. 4 feet. Pkt., 10c; $\frac{1}{8}$ oz., 50c.
- 511 *Riverton Beauty*. Lemon-yellow with a purplish black cone. Pkt., 15c; $\frac{1}{16}$ oz., 40c.
- 512 *Riverton Gem*. Orange blooms, tinged with maroon. Pkt., 15c; $\frac{1}{16}$ oz., 40c.

Heliopsis

- 516 *Lemoine* Strain. Double and semi-double golden yellow flowers; blooms first year. Pkt., 10c; $\frac{1}{8}$ oz., 35c.

Heuchera

- 525 *Sanguinea*. A fine, hardy perennial, bearing in graceful spikes, rich crimson flowers. Useful for cutting. 1 foot. Pkt., 10c; $\frac{1}{16}$ oz., 75c.

Hibiscus (Mallow Marvel)

Vigorous growing plants, producing large, handsome flowers, often 6 inches across. Very desirable for mixed beds or borders.

- 526 *Giant Flowered*. Finest mixed. Hardy perennial. 4 feet. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

Hollyhock

Flowers about 3 inches across set as rosettes around strong growing stalks. Seeds sown in May or June make fine blooming plants the following season.

- 530 *Chater's Finest Mixed*. Choicest double varieties, a large percentage of the flowers coming double. Pkt., 10c; $\frac{1}{8}$ oz., 30c; $\frac{1}{4}$ oz., 50c.
- 531 *Double*. Mixed colors. Pkt., 10c; $\frac{1}{8}$ oz., 25c.
- 532 *Allegheny*. Large, semi-double flowers, beautifully fringed, of silky texture and richly colored. Pkt., 10c; $\frac{1}{8}$ oz., 25c.
- 534A *Double Imperator*. Large fringed rosette flowers in charming color combination. Pkt., 10c; $\frac{1}{8}$ oz., 40c.
- Chater's Double*. 535 *Maroon*. 535A *Newport Pink*. 536 *Snow-White*. 536A *Yellow*. Pkt., 10c; $\frac{1}{8}$ oz., 35c.



Large Flowered Gaillardia



Lathyrus Latifolius (Everlasting Sweet Pea)

Lavender (Lavandula Vera)

575 *Vera*. A well-known hardy perennial grown chiefly for its lasting fragrance. Pkt., 10c; $\frac{1}{8}$ oz., 20c.

Linum

582 *Flavum*. Yellow. Excellent early flowering rock garden plant. Pkt., 10c; $\frac{1}{16}$ oz., 35c; $\frac{1}{8}$ oz., 60c.

Lobelia

Handsome border plants, thriving in any ordinary garden soil, but preferring a moist, deep loam.

588 *Cardinal Flower* (*Cardinalis*). Intense scarlet. 3 feet. Pkt., 10c; $\frac{1}{16}$ oz., 60c; $\frac{1}{8}$ oz., \$1.00.

Lupin

590A *Polyphyllus*. Blue. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c.

591 *Polyphyllus*. Finest Mixed. Hardy plants of easy culture; useful as a background in the perennial border. Mixed blue and white. 2 to 4 feet. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c.

592 "Russell". Grown from originator's stock seed. A fine collection. Pkt., 15c.

Lychnis

Perennial plants of easy culture, blooming the first season if sown early.

595 *Chalcedonica* (*Burning Star*). Bright scarlet flowers shaped like a Maltese Cross. Of fine color and thrifty growth; very effective in the perennial border. 2 feet. Pkt., 10c; $\frac{1}{8}$ oz., 20c.



Iberis Sempervirens

Iberis

542 *Queen of Italy*. Dwarf, bushy habit. Pink flowers. Pkt., 10c; $\frac{1}{4}$ oz., 25c; $\frac{1}{2}$ oz., 40c.

543 *Sempervirens* (*Perennial Candytuft*). A desirable hardy perennial of easiest culture. Dwarf spreading habit; suitable for rockeries. Flowers pure white. Pkt., 10c; $\frac{1}{8}$ oz., 35c.

544 *Gibraltarica*. Lilac shading off to white; large flowers. Early. Pkt., 10c; $\frac{1}{8}$ oz., 30c.

Kudzu Vine (Pueraria)

560 *Thunbergiana* (*Jack-and-the-Beanstalk-Vine*). A vine of wonderfully rapid growth, when well established, growing to the great height of 40 to 50 feet. Leaves are of enormous size. Hardy perennial. Pkt., 10c; $\frac{1}{4}$ oz., 25c; $\frac{1}{2}$ oz., 40c.

Lathyrus Latifolius (Everlasting Sweet Pea)

An easily grown, hardy perennial climber, bearing freely flowers somewhat similar in form to the Sweet Pea. If grown on moist soil, will bloom nearly all summer. Colors: reddish purple, rose and white. 6 to 8 ft.

570 *Mixed Colors*. Pkt., 10c; $\frac{1}{4}$ oz., 20c; $\frac{1}{2}$ oz., 35c.

Mimulus

Bushy plants 1 foot high. Flowers various shades of yellow, spotted and marked crimson.

630 *Tigrinus* (*Monkey Flower*). Handsome flowers with white, sulphur or yellow ground spotted with crimson, scarlet or pink. Pkt., 10c; $\frac{1}{8}$ oz., 50c.

631 *Moschatus* (*Musk Plant*). Small yellow flowers, musk-scented foliage, of trailing habit; excellent for hanging baskets. Pkt., 10c; $\frac{1}{16}$ oz., 50c.

Nepeta

757A *Mussini*. A favorite perennial rock plant with blue-gray foliage and blue flowers. 9 inches. Pkt., 10c; $\frac{1}{8}$ oz., 30c.

Phlox

The seed we offer has been saved from the best varieties and is supplied in mixture only.

847 *Choicest Mixed*. Pkt., 10c; $\frac{1}{8}$ oz., 50c.

Physalis

(Chinese Lantern Plant)

850 *Francheti*. Bright orange, scarlet lantern-like fruits which are gathered in the fall and dried. Very attractive for winter bouquets. If seed is sown early will bloom the first year. Pkt., 10c; $\frac{1}{8}$ oz., 25c.



Physalis (Chinese Lantern Plant)

ROSS' EXHIBITION PANSIES

*Bloom Abundantly from Early Spring to Severe Frost
A Lovely, Velvety Assortment of Colors that Endures All Climates*

The Pansy produces best results during the cool days of spring, and in a sandy loam, thoroughly prepared and supplied with well-rotted manure. To assist germination by retaining moisture, cover the seed bed with sheeting or single burlap, removing as soon as seedlings begin to appear. From this time on it is important never to let the soil become dry; to do so is fatal. Keep moist but not soaking wet. For early spring flowers, sow seed in August and protect during the winter.

770 Giant Coronation Gold. Canary-yellow, lower petals flushed golden orange; slightly ruffled. Pkt., 25c; 1/16 oz., \$1.00.

771 Swiss Giant (Roggli's). Giant mixed. The flowers are of immense size, borne on long stems, and the colors are unusual, mostly large blotched. Pkt., 15c; 1/16 oz., 80c.

774 Dwarf Swiss Giant (Roggli's). Plants are more dwarf and compact with the same immense flowers and unusual colors. Pkt., 15c; 1/16 oz., 80c.

776 Maple-Leaved Giant Mixed. Compact habit, with large attractive foliage and very large blooms. Pkt., 25c; 1/16 oz., 80c.

778 Masterpiece (Ruffled Pansies). A strain having ruffled and curled petals, giving the flowers the appearance of being double. Colors rich and striking. Pkt., 10c; 1/8 oz., 40c; 1/4 oz., 75c.

779 Worcester Giant Mixed. Our own selections of choice large-flowered strains and varieties, including a proportion of all the preceding strains, the named separate sorts, and several choice strains of different growers. Pkt., 10c; 1/8 oz., 35c; 1/4 oz., 60c.

782 Trimardeau Large Flowered Mixed. The range of coloring is excellent, and the mixture will be found very satisfactory. Pkt., 10c; 1/8 oz., 35c; 1/4 oz., 60c.

783 English Prize Mixed. Includes many with face-like markings of various shades. Pkt., 10c; 1/8 oz., 35c; 1/4 oz., 60c.

785 Choice Mixed. A mixture of many varieties. Pkt., 10c; 1/8 oz., 30c; 1/4 oz., 50c.

786 Giant Adonis. Splendid light blue, with white center and dark blotches. Pkt., 10c; 1/8 oz., 35c; 1/4 oz., 60c.

788 Giant Cardinal. Brilliant red. Pkt., 10c; 1/4 oz., 60c.

792 Golden Queen. Pure yellow. Pkt., 10c; 1/8 oz., 35c; 1/4 oz., 60c.

794 Indigo Blue. New rich shade. Pkt., 10c; 1/8 oz., 35c; 1/4 oz., 60c.

796 King of the Blacks. Pkt., 10c; 1/8 oz., 35c; 1/4 oz., 60c.

800 Lord Beaconsfield. Violet, shading to white at the top. Pkt., 10c; 1/8 oz., 35c; 1/4 oz., 60c.

804 Peacock. Rich blue and purple, edged with white; very striking. Pkt., 10c; 1/8 oz., 35c; 1/4 oz., 60c.

808 Snow White (Candidissima). Pkt., 10c; 1/8 oz., 35c; 1/4 oz., 60c.

811 Yellow. With large, black eye. Pkt., 10c; 1/8 oz., 35c; 1/4 oz., 60c.

ROSS' GIANT PANSIES

**Outstanding in Color, Size
and Freedom of Bloom**

They are of enormous size with long stems and healthy foliage. The color combinations are new and very rare, including shades never before seen in Pansies—browns, salmons, pinks, reds, and wine colors. We do not hesitate to recommend this strain to the most critical grower.

Why buy ordinary seed when Ross' Selected Giants costs no more? One ounce of seed will produce as many as 20,000 plants. Try Ross' Selected Giant Seed this year for best results.

PRICE LIST OF ASSORTED COLORS:

780 Pkt., 50c; 1/16 oz., 90c; 1/8 oz., \$1.50; 1/4 oz., \$2.75; 1 oz., \$10.00; 1/4 lb., \$34.00; 1 lb., \$136.00.

These prices include free delivery in U.S.A.



A Ross Giant Pansy. They come in many colors.



Wallflower

Platycodon (Chinese Bellflower)

855 *Grandiflorum*. Blooms from July to September. The flowers are large, steel-blue. 2 to 2½ ft. Pkt., 10c; ⅓ oz., 40c.

Polemonium (Jacob's Ladder)

857 *Coeruleum*. Large heads of showy blue flowers from May to August. 2 feet. Pkt., 10c; ¼ oz., 25c.

Hardy Perennial Poppies

890 *Iceland Poppies*. White and shades of yellow and orange. Mixed. Pkt., 10c; ⅓ oz., 25c.

Oriental Poppies. Easily grown from seed sown either in late fall or early spring. They bloom the second spring from sowing.

892 *Orientele*. Deep crimson flowers, with blotch of black on each petal. Pkt., 10c; ⅓ oz., 25c.

893 *New Oriental Hybrids*. Flowers of enormous size, sometimes 6 inches or more in diameter and of many novel colors. Pkt., 10c; ⅓ oz., 25c.



New Hybrid Oriental Poppies

Hardy Primroses

Although known as a hardy perennial, these require in this climate some protection. If protected with leaves covered by a box, they will live through our severest winters.

Veris (*Polyanthus*). Excellent for either pot or outdoor culture. Colors mostly shades of yellow, and red and yellow.

903 *Choicest Mixed*. Pkt., 10c; ¼ oz., 85c.

904 *Vulgaris*. True, yellow English Primrose; canary-yellow; fragrant. Pkt., 10c; ⅓ oz., 60c.

Pyrethrum

Hardy perennials of easy culture.

910 *Aureum* (Golden Feather). Golden foliage; small, white flowers. 1 foot. Pkt., 10c; ¼ oz., 35c.

913 *Roseum Hybridum*. Blooms freely from June to September, bearing large flowering, daisy-like flowers, ranging from light pink to deep red, with bright yellow center; excellent for cutting. Pkt., 10c; ⅓ oz., 30c.

Rocket, Sweet

(*Hesperis Matronalis*)

Hardy perennial plant of easy culture, bearing clusters of purple or white fragrant flowers. 1½ feet.

921 *Mixed*. Pkt., 10c; ¼ oz., 25c.

Rudbeckia (Coneflower)

Will grow in nearly all soils and situations, thriving in partial shade or fully exposed to the sun.

925 *Newmanni*. Large golden yellow flowers, with maroon cone. 2 feet. Pkt., 10c; ⅓ oz., 40c.

926 *Purpurea* (*Echinacea*; Giant Purple Coneflower). Large flowers, about 4 inches in diameter; reddish purple, with large cone of brown. Hardy perennial. 3 feet. Pkt., 10c; ⅓ oz., 35c.

Scabiosa

946 *Columbaria*. Lavender. Large lavender-blue flowers; plant dwarf with a fine, light green foliage. Pkt., 15c; ⅓ oz., 60c.

946A *Columbaria Pink*. Delicate pink. Pkt., 15c; ⅓ oz., 60c.

947 *New Blue Scabiosa*. Hardy Perennial Scabiosa (*Caucasica*) (Blue Bonnet). A hardy perennial, especially valuable for cutting, the blooms lasting a long time in water; color soft lavender-blue. 3 feet. Pkt., 10c; 1/16 oz., 30c.

947A *New Giant Caucasica Hybrids* (Isaac House Strain). Each petal is beautifully ruffled and frilled. The predominating colors are delicate lilac and mauve but embracing shades from white to the darkest blue. Pkt., 15c; 1/16 oz., 50c.

Sedum

919A Acre. H.P. Thrives well in poor soil. Fine for rockeries and for covering bare spots. Yellow blossoms. 3 inches. Pkt., 20c; $\frac{1}{8}$ oz., \$1.25.

Stokesia Cyanea (Cornflower Aster)

973 Blue. Blooms from August to frost. 2 feet high. Pkt., 10c; $\frac{1}{8}$ oz., 35c.

974 Mixed. Containing many new colors. Pkt., 10c; $\frac{1}{8}$ oz., 35c.

Sweet William - Dianthus Barbatus

A hardy biennial with large trusses of sweet-scented flowers produced in abundance, suitable for rock gardens. 1300 Single Mixed Colors. Pkt., 10c; $\frac{1}{4}$ oz., 15c.

1302 Holborn Glory. A new strain of the auricula-eyed section; both the head and individual flowers are of the largest size and each of the latter shows a clear white eye; of an exceedingly wide range of colors. Pkt., 10c; $\frac{1}{4}$ oz., 35c.

1308 Double Largest Flowered. Choicest mixed. A greatly improved strain. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

1309 Scarlet Beauty. A very effective rich, deep scarlet variety. Pkt., 10c; $\frac{1}{4}$ oz., 35c.

1306 Newport Pink. Pkt., 10c; $\frac{1}{4}$ oz., 35c.

Tritoma

1317 Tritoma (Red Hot Poker Plant or Flame Flower). H.P. Large spikes of orange-red flowers. Height, 4 feet; effective in single clumps or among shrubbery. Pkt., 10c.

Trollius

1317A Ledebouri Golden Queen. Deep orange, late bloomer. Pkt., 25c.

Tunica

1318 Saxifraga. Dwarf, hardy perennial. Pink blossoms; an excellent rock plant. Pkt., 10c; $\frac{1}{8}$ oz., 25c.

Wallflower

Fine bedding plant, but more often grown as a pot plant. Shades of yellow, brown and reddish brown.

1340 Single. Mixed colors. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

1341 Double Branching. Mixed colors. Pkt., 10c.

1342 Paris Extra Early. A new single flowered strain, blooming throughout the season, from spring-sown seed. Colors light brown, brownish, red, yellow, and creamy white. Mixed. Pkt., 10c; $\frac{1}{4}$ oz., 20c.



Stokesia (Cornflower Aster)

Veronica

1330. Pretty blue flowers on long spikes. Pkt., 10c; $\frac{1}{8}$ oz., 30c.

Viola Cornuta - Tufted Pansies

Flowers not so large as the Pansy. Blooms profusely; is quickly and easily grown. Seed sown in April will produce blooming plants in June and, if planted in cool, moist soil, partly shaded, nearly all summer. Hardy perennial. 1335 Mixed Tufted Pansies. Finest mixture of all colors. Pkt., 10c; $\frac{1}{8}$ oz., 35c; $\frac{1}{4}$ oz., 60c.



Iceland Poppies



Pyrethrum

GLADIOLUS

The Most Inexpensive Summer Flowers for the Garden, Yet the Most Popular Cut Flowers for Indoors

of Quality and Distinction



Picardy

Golden Dream

Ave Maria. Large florets of near-blue color. Tall, straight spikes with many blooms open at a time, all facing one way and well placed. Early bloomer. Each, 8c; doz., 70c; 100, \$5.00.

Bagdad. A dark, smoky rose, with 4 or 5 very large florets open at a time on a tall graceful spike. One of the tallest glads. Late bloomer. Each, 8c; doz., 70c; 100, \$5.00.

Berty Snow. The tall, straight spike, and healthy growing habit of this variety, with its very large florets of beautiful clear lavender, makes this one of the very finest varieties. Midseason bloomer. Each, 5c; doz., 40c; 100, \$3.00.

Betty Nuthall. Warm coral-pink, with yellow throat markings and a slight tinge of orange. 6 to 8 medium large, well-placed blooms open at a time. Late bloomer. Each, 5c; doz., 40c; 100, \$3.00.

Brightsides. A medley of colors but orange in general effect, the principal hue being a rich canary-yellow which blends to bittersweet-orange at tips of petals. Throat is rich apricot. Early bloomer. Each, 8c; doz., 70c; 100, \$5.00.

Charles Dickens. A tall, strong grower with a long spike of purple, violet blooms. Early bloomer. Each, 5c; doz., 40c; 100, \$3.00.

Debonair. A clear light pink, shading to shrimp-pink with creamy throat blotch, lightly peppered crimson. 6 to 8 medium large blooms open on a very tall, always straight, spike. Midseason bloomer. Each, 5c; doz., 40c; 100, \$3.00.

Dr. Durr. Early blooming cream-white, somewhat ruffled. 6 to 8 florets open at a time. Each, 5c; doz., 40c; 100, \$3.00.

Early Dawn. Early blooming geranium-pink. Large blooms on a tall spike. Strong grower. Each, 5c; doz., 40c; 100, \$3.00.

E. I. Farrington. A very soft self-yellow. Florets of fair size with 6 open on a 4-foot spike. Midseason bloomer. Each, 5c; doz., 40c; 100, \$3.00.

Thirty Top Notch Selections

Emma. Salmon with reddish blotch. Long spike with 8 to 10 large, well-placed blooms open. Midseason bloomer. Each, 8c; doz., 70c; 100, \$5.00.

Excellence. Large light red with 4 to 6 florets open. The earliest large red to bloom. Each, 5c; doz., 40c; 100, \$3.00.

Golden Dream. Beautiful, clear deep medium sized yellow with 7 to 10 blooms open at a time. Tall strong grower. Petals slightly recurved. Late bloomer. Each, 5c; doz., 40c; 100, \$3.00.

La Paloma. Large bright vivid orange of heavy texture. A new and distinctive shade and one of the best oranges. Midseason bloomer. Each, 5c; doz., 40c; 100, \$3.00.

Maid of Orleans. Beautiful milky white with cream throat. Tall straight plant with up to 8 large well-placed blooms open. Midseason bloomer. Each, 8c; doz., 70c; 100, \$5.00.

Margaret Fulton. Superb, early blooming, salmon-pink, decorative. A distinctive shade, different than the color of any other variety. Each, 5c; doz., 40c; 100, \$3.00.

Marmora. Immense, smoky lavender from Australia. Many blooms open at a time on a good, tall, straight spike. Midseason bloomer. Each, 8c; doz., 70c; 100, \$5.00.

Mibloom. White, tinted pink with scarlet blotch. 5 to 6 blooms open. If you want early glads, this is the one to get. Each, 5c; doz., 40c; 100, \$3.00.

Minuet. Beautiful light pinkish lavender. 5 to 6 or more well-placed blooms open. The lavender glad by which all other lavenders are judged. Midseason bloomer. Each, 8c; doz., 70c; 100, \$5.00.

Miss Greeley. Rich pink, flecked somewhat darker. Up to 8 five-inch florets open on a very tall spike. An early bloomer. Each, 8c; doz., 70c; 100, \$5.00.

Mother Machree. Smoky lavender overlaid toward the edge with salmon-pink. An odd, but very pretty, smoky variety that is always popular. 8 to 12 medium sized blooms open. Late bloomer. Each, 8c; doz., 70c; 100, \$5.00.

Olive Goodrich. White, tinted light pink, shading darker at the edges. Pale yellow throat. Six or more large blooms open at a time on a tall spike. Midseason bloomer. Each, 5c; doz., 40c; 100, \$3.00.

Pelegrina. Six or more large, dark blue blooms open with most of the remaining buds showing clear. Considered the best dark blue. Blooms early. Each, 5c; doz., 40c; 100, \$3.00.

Picardy. Soft, shrimp-pink without flecking. Blotch of light flesh-pink shading to shrimp-pink at edges. Inconspicuous feathering of begonia-rose. 7 to 10 blooms open at a time, measuring 6 inches and more across. The most outstanding introduction in recent years. Midseason bloomer. Each, 5c; doz., 40c; 100, \$3.00.

Red Glory. Very tall rose-red exhibition with up to 12 or 15 good sized, well-faced florets open at once. Opens so many blooms that spikes are frequently unable to hold up their weight. Midseason bloomer. Each, 8c; doz., 70c; 100, \$5.00.

Red Phipps. Brilliant light scarlet. Tall growing with 6 to 8 blooms open at a time. Blooms late midseason. Each, 8c; doz., 70c; 100, \$5.00.

Tobersun. Medium yellow with darker throat. 7 to 8 blooms open at a time. Late bloomer. Each, 5c; doz., 40c; 100, \$3.00.

Wasaga. A glowing buff, with wide open, ruffled blooms. Color is perfectly clear, with no throat markings or fleckings of any kind. 4 to 5 open at a time. Many declare this variety the most beautiful glad ever produced. Late midseason bloomer. Each, 5c; doz., 40c; 100, \$3.00.

Wuertembergia. Immense fiery scarlet, with cream-white throat. Spikes very tall and always straight. Extremely showy and dominant in the garden. Midseason bloomer. Each, 8c; doz., 70c; 100, \$5.00.

Yvonne. Blush-white or very pale pink with soft cerise spot in the throat. 6 to 8 very large blooms on a tall, strong growing plant. Early midseason bloomer. Each, 5c; doz., 40c; 100, \$3.00.

MIXTURE

A mixture of popular named varieties, selected from all classes, unsurpassed in diversity of colors, types and quality of blooms. Doz., 35c; 100, \$2.50.

DAHLIAS

The Most Beautiful of All Large Summer Garden Flowers;
Giant Size Flowers are Unequaled for Bouquets



The New Ann Rutledge Dahlia

Five New Decorative Dahlias for 1941

America's Sweetheart. A large clear yellow; flowers set on top of stems. Fine cut or exhibition Dahlia. \$1.00 each.

Ann Rutledge. Orchid-cerise, shaded rose, curled petals, medium size, very free. 50c each.

Agnes L. Young. Brilliant red with golden tips; petals much curled, very free flowering. 50c each.

Mrs. Wm. Knudsen. One of the very best white Dahlias grown. Good stems. \$1.00 each.

Meta Scamel. Lavender-pink, very large, good stems. \$1.00 each.

Recent introductions of some of the very best large-flowering Dahlias ever grown. Try them and have a REAL Dahlia garden.

Alyce Marie Galvin. White with faint tone of cameo-pink; 12-inch flower. 25c each; doz., \$2.50.

Alta Nevada. Very beautiful deep rose, with glowing tangerine color. 25c each; doz., \$2.50.

Avalon. Clear pure yellow, fine form. 25c each; doz., \$2.50.

Avonella. Amaranth-purple with a sheen of rose-purple on reverse side. Large. 50c each.

Buckeye King. A very large clear amber yellow, flowering on top of very long stiff stems. Beautiful for exhibition or cut flower. 25c each; doz., \$2.50.

Cavalcade. A rich deep rose, fine form and very free. 50c each.

Champoeg. This is one of the best 3-colored Dahlias ever offered. It is large; the ground color is lemon-yellow, suffused deep rose, splashed soft carmine. 50c each.

Charlotte Alexander. White with vein of purple at tips; fine flower. 25c each; doz., \$2.50.

Chemar's Eureka. Pure white veined lavender; large fine flowers. 25c each; doz., \$2.50.

Coquette. One of the most beautiful red and gold combinations; a fine large flower. 25c each; doz., \$2.50.

Eleanor Grant. Almost white. 25c each; doz., \$2.50.

Fordhook Victory. Deep pink; very fine. 25c each; doz., \$2.50.

H. R. Stovel. Large golden yellow; fine form. 50c each.

Ida Perkins. Large pure white; fine. 50c each; doz., \$5.00.

Ida Tarbell. Deep crimson, large and fine. 25c each; doz., \$2.50.

Jane Cowl. Bronze-buff and old gold, fine and large. 25c each; doz., \$2.50.

J. K. Alexander, Jr. The largest crimson-red Hybrid Decorative ever offered, with a yellow fleck in the center. 50c each.

Jersey's Beacon. Chinese scarlet; large. 25c each; doz., \$2.50.

Jersey's Beauty. True pink; a fine flower. 25c each; doz., \$2.50.

Kemp's Velvet Wonder. Deep velvety wine-crimson; huge flowers with fine stems. \$1.00 each.

King of the Blacks. Nearest to black of any Dahlia grown. 50c each.

Mable Goodacre. Decorative. Soft pink and salmon suffused with orange; a fine large bloomer. 50c each; doz., \$5.00.

Margaret K. Alexander. Buff and burnt-orange; large. 25c each.

Milton J. Cross. A rich golden yellow, shaded to buff center. One of the best grown; large, fine form, beautiful stems. \$1.00 each.

Monmouth Champion. A beautiful orange-scarlet; very large. 50c each.

Mrs. Ida De Ver Warner. Deep mauve-pink; large and fine. 25c each; doz., \$2.50.

Mrs. J. K. Alexander. One of the finest giant Buttercup-yellow Dahlias ever offered. 12 to 16 inches in diameter; long stems. \$1.00 each.

Mrs. Geo. LeBoutellier. Deep rich crimson; very large fine flowers on good stems. 50c each.

Mrs. Geo. Skeen. Shrimp-pink, very large, free, fine cut flower. 25c each; doz., \$2.50.

Nanaquaket. Amaranth-pink, large, very fine. 25c each.

Omar Khayyam. A large Chinese red shading to bright orange. 25c each.

Pride of California. Crimson-red. 25c each; doz., \$2.50.

Pride of Stratford. Cadmium-orange; large. 25c each; doz., \$2.50.

Polar Snow. Large, pure white, full to the center. 25c each.

Rose Glory. Rose shade, very free blooming, good cut flower. 25c each.

Rocky Lodge. One of the best yellows grown. 25c each.

Salem Pride. Rhodamine-purple flecked white, large and one of the best flowers grown. 50c each; doz., \$5.00.

Thomas A. Edison. A large royal purple or petunia-violet. 50c each; doz., \$5.00.

White Wonder. Beautiful large white decorative. 25c each; doz., \$2.50.

Yankee King. A deep strawberry-pink; large. 25c each; doz., \$2.50.



Mixed Dahlias as Illustrated Above

Our special assortment of free-flowering Dahlias—Postpaid, \$1.00 per doz.; by Express, 90c per doz., \$6.00 per 100.

Dahlias - Lilies - Tuberoses - Begonias



Roycroft, Cactus Dahlia



Lilium Regale



Lilium Auratum

Cactus Dahlias

- Chemar's Masterpiece.** A large orchid-pink. 50c each; doz., \$5.00.
Elkridge. Splendid pure white. 50c each; doz., \$5.00.
Libelle. Deep purple. 25c each.
Mrs. Ethel F. T. Smith. A large white shading to lemon-yellow. 25c each; doz., \$2.50.
Nature's Jewel. Large pink with white center; fine. 50c each; doz., \$5.00.
Roycroft. A golden bronze. 25c each; doz., \$2.50.

Show and Fancy Dahlias

- A. D. Livoni.** Soft pink. 15c each; doz., \$1.50.
James Vick. Purple-crimson. 15c each; doz., \$1.50.
Maude Adams. Snow-white overlaid pink. 15c each; doz., \$1.50.
Mrs. Clara D. Anderson. Purple-crimson. 15c each; doz., \$1.50.
Miss Helen Hollis. Deep scarlet. 15c each; doz., \$1.50.
Vivian. White edged rose-violet. 15c each; doz., \$1.50.
White Swan. White. 15c each; doz., \$1.50.

Pompon Dahlias

Select List

- Amber Queen.** Clear amber shaded apricot. 15c each; doz., \$1.50.
Golden Queen. Pure yellow; fine. 15c each; doz., \$1.50.
Jessica. Yellow edged red. 25c each; doz., \$2.50.
Johnnie Peppin. Dark crimson-red. 25c each; doz., \$2.50.
Little Herman. Red and white variegated. 25c each; doz., \$2.50.
Little Beauty. Soft pink and white. 25c each; doz., \$2.50.
Prince Charming. Purple. 15c each; doz., \$1.50.
Raphael. Dark maroon. 15c each; doz., \$1.50.
Snowclad. Standard white. 25c each; doz., \$2.50.

Begonias, Tuberosus-Rooted

Desirable for shady places. Start in the house early and set plants in the open ground about the last of May. They will bloom soon and profusely and continuously until frost. Keep constantly moist.

- Single Varieties.** Dark red, yellow, white, salmon, rose, copper and mixed colors. 15c each; doz., \$1.50.
Double Varieties. Dark red, yellow, white, salmon, rose, copper and mixed colors. 15c each; doz., \$1.50.

Cinnamon Vine

Grows 15 to 30 feet. The leaves are green, with a tinge of bronze. The flowers are white, borne in clusters. The vine dies at the end of the season, but the root is hardy. Postpaid, extra large roots, 10c each; 3 for 25c; doz., 90c.

Madeira Vine

A rapid-growing climber with beautiful, thick, glossy waxlike leaves and bearing profusely in graceful, feathery racemes white flowers which have a fragrance resembling Mignonette. Plant when ground becomes warm. Store tubers in a cold, dry place during winter. Postpaid, 10c each; doz., 90c.

Hardy Garden Lilies

Postpaid

- Auratum** (Golden Banded Lily). Enormous, measuring frequently 8 to 12 inches across; pure white, spotted crimson, each petal marked in the center with a band of yellow. Flowers in August. 25c each; doz., \$2.50.
Speciosum Album. The best late flowering pure white; hardy garden Lily, of easy culture. The graceful stems and foliage are set off to wonderful advantage by the pure white blooms. 25c each; doz., \$2.50.
Speciosum Rubrum, or Roseum. Delicate pink, almost white, spotted red; one of the old garden favorites. Height, 3 feet. Flowers in August and September. 25c each; doz., \$2.50.

Regal Lily (Lilium Myriophyllum)

Postpaid

It is a pure, waxy white, with a lemon-yellow throat and a trumpet about 6 inches long, and when the flower is fully developed it is about 7 inches across; 2 to 2½ inches in diameter. 35c each; doz., \$3.50. Smaller size flowering bulbs, 25c each; doz., \$2.50.



Dwarf Tuberoses

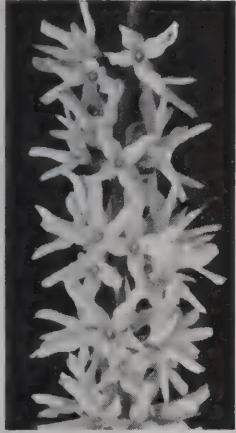
An Improved Strain.

Bulbs may be started in the house for early flowers, or they may be planted in the open border, but not earlier than June in this latitude.

Excelsior Dwarf Pearl. Improved strain; plant of dwarf habit; blooms earlier and flowers are more double than old strain. Extra large bulbs, postpaid, 10c each; 3 for 25c; doz., 90c.

Decorative Trees and Flowering Shrubs

Delivered in Good Planting Condition — Direct From Nurseries



Forsythia, Golden Bell

Hardy Flowering Shrubs They Bloom From June Till Frost

Adapted to every home purpose for variety of color, berries and foliage contrast.

Prices: Each 50c; 3 for \$1.40; 6 for \$2.60; 12 for \$5.00.

Parcel Post Charge: Add 8c for one plant, 2c for each additional plant.



Double Syringa, Virginal

ALMOND, Double Pink. One of the most charming early flowering shrubs, producing very double, rose-colored flowers in great profusion in early spring. Maximum height, 6 feet.

ALTHEA, Pink, Purple, or White. One of the latest of flowering shrubs. Blooms are large and very attractive.

BUDDLEIA, Ile de France. A splendid new form. Easily the finest of all Buddleias because of its massive spikes of purple flowers, each illuminated by a brilliant golden eye. Vigorous, free flowering, hardy type.

DEUTZIA, Pride of Rochester. Pinkish white blossoms. Grows from 6 to 8 feet high. A very popular shrub.

FORSYTHIA (Golden Bell). A profusion of brilliant yellow, bell-shaped flowers before the leaves appear. One of the earliest bloomers. A harbinger of spring. No planting complete without Forsythia.

HONEYSUCKLE. Pink or White. Medium early bloomer, followed by a profusion of berries that attract robins and other berry-eating birds.

HYDRANGEA P. G. Large, pinkish white panicles which literally cover the bush. Blooms late. Very attractive.

HYDRANGEA A. G. (Hills of Snow). Ball-shaped, snow-white flowers.

JAPAN QUINCE. Showy scarlet flowers which often obscure the foliage and branches. Very attractive.

KOLKWITZIA amabilis (Beauty Bush). One of the finest of the newer shrubs, producing long sprays of graceful foliage. Flowers are delicate pink, similar in shape to those of the weigela, but much smaller. Although a rapid grower, it does not bloom profusely until it becomes thoroughly established.

LILACS, Purple or White. An old-fashioned shrub which requires no introduction.

SNOWBALL. A shrub readily recognized by both old and young. The name describes it.

SNOWBERRY, Red (Coralberry). Desired for its berries which traverse the stems in unique style. Attracts birds and feeds them abundantly.

SNOWBERRY, White. Large, white berries that remain far into the winter. Like its companion, Red Snowberry, is especially adapted to shady places.

SPIRAEA Froebeli. Red flowers. Medium grower and works in advantageously with other shrubs.

SPIRAEA trichocarpa (Korean Spiraea). An imported variety. Quite unusual. Beautiful white flowers.

SPIRAEA Thunbergi. Dwarf, bushy habit, about 3 feet in height. White flowers in April and May.

SPIRAEA Van Houttei. The most popular of all shrubs. A mass of white blooms in May or early June. The King of all Spiraeas.

SYRINGA (Mock Orange). A tall growing, free flowering shrub of stately beauty and delicate fragrance. Large, white, starlike blooms with yellow center.

SYRINGA, Virginal. Similar to Mock Orange but with large blossoms. Does not grow quite so tall.

VIBURNUM opulus (High Bush Cranberry). Will grow about 12 feet high, white blossoms May and June followed by red berries.

WEIGELA rosea (Pink Weigela). This is an old favorite. Medium to tall growing shrub, covered in June with a profusion of rose-colored flowers. Very showy for the shrub border.

Friendly Shade and Ornamental Trees

Straight Trunks - Beautifully Branched - Well Rooted

Prices at the nursery in Westfield, Mass., and no charge will be made for packing unless necessary. Heavy shipments may require boxing or crating. When boxes are charged, they may be returned for credit.

AMERICAN ELM. 8 to 10 ft., \$1.25 each; 10 to 12 ft., \$1.75 each.

CANOE BIRCH. 6 to 8 ft., \$2.50 each.

CHINESE ELM. 5 to 6 ft., \$1.25 each; 6 to 8 ft., \$1.50 each.

CUT-LEAF or WEeping BIRCH. 6 to 8 ft., \$2.75 each.

EUROPEAN LINDEN. 6 to 8 ft., \$2.50 each; 8 to 10 ft., \$3.50 each.

EUROPEAN WHITE BIRCH. 5 to 6 ft., \$1.25 each.

FLOWERING CRAB APPLE. 4 to 5 ft., \$1.25 each.

HORSE-CHESTNUT. Red. 5 to 6 ft., \$4.50 each.

MOUNTAIN ASH. 6 to 8 ft., \$2.25 each.

NORWAY MAPLE. 8 to 10 ft., \$1.75 each; 10 to 12 ft., \$2.50 each.

PIN OAK. 6 to 8 ft., \$2.00 each; 8 to 10 ft., \$2.50 each.

PINK-FLOWERING DOGWOOD. 3 to 4 ft., \$2.50 each; 4 to 5 ft., \$4.00 each.

RED OAK. 6 to 8 ft., \$3.00 each; 8 to 10 ft., \$4.00 each.

SILVER MAPLE. 8 to 10 ft., \$1.25 each; 10 to 12 ft., \$1.75 each.

SUGAR MAPLE. 8 to 10 ft., \$2.00 each; 10 to 12 ft., \$2.50 each.

UMBRELLA CATALPA. 5 to 6 ft., \$2.00 each.

WEeping WILLOW. 6 to 8 ft., \$1.50 each; 8 to 10 ft., \$2.00 each.

WHITE FLOWERING DOGWOOD. 3 to 4 ft., \$1.50 each; 4 to 5 ft., \$2.00 each.

EVERBLOOMING Hybrid Tea ROSES

All Rose Bushes are Fresh Dug — Shipped to You
Direct from the Nurseries

Parcel Post Charge

Add eight cents for one plant,
two cents for each additional
plant.



The Large McGredy's Scarlet

Extra Hardy June Blooming PERPETUAL ROSES

J. B. Clark. Red.
Frau Karl Druschki (Snow Queen).
Magnificent snow-white.
General Jack. Dark red. Very fragrant. Strong grower.
Mrs. John Laing. A constant bloomer. Shell-pink.
Magna Charta. Bright pink. Very large.
Paul Neyron. Deep pink. Predominated in grandmother's garden.
Prince Camille De Rohan. Deep maroon-red.
Ulrich Brunner. Bright cherry-red; fragrant.

Best Selections

Strong Two-Year Field-Grown Bushes

Red

Ami Quinard. Extremely dark, velvety crimson-maroon, vigorous grower.
E. G. Hill. Dazzling scarlet shading to deeper red.
Etoile de Hollande. Dark red. Strong stems.
Etoile de France. Bright crimson. Open blooms.
Gruss an Teplitz. Bright red. Continuous bloomer.
Margaret McGredy. Brilliant red and bright gold.
Radiance, Red. The most popular red Rose grown.
McGredy's Scarlet. A beautiful formed, double, high centered variety of brilliant red, on long stems.

Pink

Betty Upchurch. Semi-double, salmon-pink flowers stained with copper, pink on the outside.
Dame Edith Helen. Enormous, very double pure pink blooms, continually produced.
Edith Nellie Perkins. Light cerise and salmon.
Editor McFarland. Deep pink.
Killarney Pink. Flesh shaded white, suffused pale pink.
Miss Rowena Thom. Large old rose.
Mme. Butterfly. Similar to Ophelia but larger flower.
Mrs. Chas. Bell. Shell-pink. New and delightful.
Radiance, Pink. King of the pink Roses.

Yellow

Joanna Hill. Light yellow, with bronze shadings in center.
Mrs. Aaron Ward. Indian-yellow, shading to lemon.
Mrs. E. P. Thom. One of the best yellows.
Mrs. Pierre S. du Pont. Reddish gold buds turn to lasting and fragrant blooms of deep golden yellow.
President Herbert Hoover. Cerise, scarlet and yellow. Needs no introduction.
Souvenir de Claudius Pernet. The best and one of the few really yellow, with a pointed bud and glossy foliage.
Talisman. Beautiful orange-scarlet buds touched with yellow, red and gold. One of the very choice varieties.

White

White Killarney. A pure white Rose.

POTTED ROSES — PRE-PLANTED

After May 10th plant potted Roses. These are already growing and there is no loss from replanting. Packed and shipped in lots of six or more direct from the nursery.

Price at nursery, transportation extra—Doz., \$9.00; 6 plants, \$4.50.

Prices All Roses: Each, 60c; 3 for \$1.75; 6 for \$3.25; 12 for \$6.00.

Best Climbing Pillar and Rambler Roses

American Pillar. Pink. (R).
Climbing American Beauty. Red. (C).
Dorothy Perkins. Pink. (R).
Dr. W. Van Fleet. Pink. (C).
Excelsa. Red. (R).
Gardenia. Yellow. (R).
Mary Wallace. Semi-double, rose-pink, with salmon base.
Paul's Scarlet Climber. Vivid scarlet, semi-double flowers of medium size, produced in large clusters.
Silver Moon. White. (C).
White Dorothy. (White). (R).



To Cover a Fence

Climbing Roses

Artistically take care of those barren and hard to beautify narrow spaces.

Garden Peonies

THE RIVAL of the ROSE

Extra heavy 2-yr. 3-5 eyes

Easy to grow. Especially adapted to borders, beds, and specimen plantings. Price: 50c each; 3 for \$1.40; 12 for \$5.00.

Adolphe Rousseau. Dark red.

Baronness Schroeder.

Flesh.

Edulis Superba. Rose-pink; fragrant. Early.

Felix Crousse. Bright red.

Festiva Maxima. Very large; pure white center, petals tipped with bright crimson. Midseason.

Karl Rosenfield. Large brilliant red, early midseason.

Mons. Jules Elie. Dark pink.



Felix Crousse

The black lines show where to prune a rose bush each season.

PEAT MOSS BREAKS HEAVY SOIL AND HOLDS MOISTURE

Use peat moss freely, it holds moisture, lightens the soil and assists the growth of most plants. Price standard bale (about 20 bushels), \$4.25.

HARDY PERENNIAL PLANTS



Korean Hybrid, Apollo

Both the old and new garden should contain these perennials.

Each, 25c; 3 for 70c; 6 for \$1.30; 12 for \$2.50

DELIVERY. Add for parcel post, six cents for one plant and two cents for each additional plant.

ACHILLEA. Double white flowers. (R).
ACONITUM (Monkshood). Dark blue flowers from July to September. 3 feet.
ALYSSUM. Compact masses of showy yellow flowers. Dwarf. (R).
ANEMONE JAPONICA (Japanese Windflower). Needs winter protection.
Alba. In August produces lovely pure white blooms with a yellow center. 2 to 3 feet.
Prince Henry. One of the first anemones to bloom. Dwarf plant, double, rosy pink flowers.



Long-Spurred Columbine

Queen Charlotte. Abundant semi-double flowers of a beautiful pink shade. Very popular variety. 2 to 3 feet.
September Charm. In full bloom the middle of September. Delicate silvery pink flowers about 2 feet tall.
Whirlwind. Vigorous growing, with large, double, white flowers in September and October.
ANCHUSA. Clusters of large gentian-blue flowers. Excellent for cutting.
AQUILEGIA (Columbine). Mixed colors ranging from white to red and blue.
ASTERS, DWARF. Clear pink, lavender, blue, white.
BEE BALM. Aromatic foliage, bright scarlet flowers.
CAMPANULA (Canterbury Bells). Various colors.
CENTAUREA Montana. Large blue flowers.
CERASTIUM Tomentosum (Snow-in-Summer). 5 to 6 in. Low growing plants. Silvery foliage, white flowers. (R).
NEW KOREAN CHRYSANTHEMUMS. A new distinct type of chrysanthemums that blooms earlier, adds new color and new hardiness. Can be used where winter killing has been a serious objection.

SEPTEMBER FLOWERING

Clio. Dwarf; carmine-rose.
Fortuna. Oxblood-red.
Hestia. Semi-double; rose-pink.
Niobe. White, yellow disc.
Nyssa. Rosy lilac.
Psyche. Shell-pink.
Sappho. Dwarf; yellow.
Thalia. Bright bronze.
Vesta. Golden orange.

OCTOBER FLOWERING

Apollo. Bronze, red, and gold.
Ceres. Coppery yellow.
COREOPSIS (Tickseed). Bright yellow. Very hardy. A profuse bloomer.
DELPHINIUM (Larkspur). Various blue shades. Long handsome spikes.
DIANTHUS (Garden Pinks). Choice mixed colors. (R).
DIGITALIS (Foxglove). Various colors. Mammoth spikes.
GAILLARDIA (Blanket Flower). Yellow with brownish red center.
GYPSOPHILA (Baby's Breath). Small pure white flowers.
HELIANTHUS (Hardy Sunflower). Yellow. Tall growing.
HIBISCUS (Mallow Marvels). Pink and red and white.
HOLLYHOCK. Crimson, yellow, rose-pink, and white. Double or single.
IBERIS (Candytuft). Dense heads of white flowers.

Hedge Plants

BARBERRY, THUNBERGI

2-year heavy, well branched. 18-24 inch.

12 plants	2.25
25 plants	4.50
50 plants	9.00
100 plants	18.00

CALIFORNIA PRIVET

18-24 inch

12 plants	\$0.90
25 plants	1.25
50 plants	2.50
100 plants	5.00

IBOLIU PRIVET—HARDY

18-24 inch

12 plants	\$1.44
25 plants	1.75
50 plants	3.50
100 plants	6.50

IRIS, German. Various shades. (R).
IRIS, Japan. Large flowers. Mixed colors. (R).
LYCHNIS (Ragged Robbin). Scarlet Maltese Cross. Very desirable.
PAPAVER Orientale (Oriental Poppy). 3 feet. Brilliant scarlet with black center; very showy. June.
PHLOX Paniculata. Will grow and flower in nearly any soil and can be depended upon for color in the garden when there is little else.
B. Comte. French purple.
Beacon. Cherry-red.
Chieftain. French purple.
E. I. Farrington. Salmon-pink.
Ethel Pritchard. Lavender.
Europa. White, crimson eye.
Firebrand. Crimson-scarlet.
Jules Sandeau. Dwarf pink.
La Vague. Mauve, carmine eye.
Leo Schlageter. Brilliant scarlet.
Lillian. Soft pink.
Mia Ruys. Dwarf; white.
Miss Lingard. Early. White.
Morgenrood. Bright rose.
Mrs. Jenkins. White.
Mrs. Milly van Hoboken. Soft pink.
Painted Lady. Pink, red eye.
Rheinlander. Salmon-pink.
Ruth May. Flesh-pink.
Special French. Clear pink.
Thor. Salmon-pink.
W. Kesselring. Purple, white eye.

NEW IMPROVED VARIETIES

Caroline Vandenberg. Violet-blue.
Daily Sketch. Salmon-pink.
Lillian. Pink.
ROSENKAVALLER. Rose-red.
Saladin. Scarlet.
Salmon Glow. Salmon-pink.
PLATYCODON (Balloon Flower). Blue and white. (R).
PYRETHRUM (Painted Daisy). Mixed colors. Blooms early.
RUDBECKIA, Newmanni. Dark orange-yellow. Resembles Black Eyed Susan.
SWEET WILLIAM. Mixed colors. (R).
TRITOMA (Red Hot Poker). Long spikes of orange-scarlet.
VERONICA (Speedwell). Violet-blue flowers borne in masses.
VIOLA (Perennial Pansy). Bloom all summer. Yellow, blue, purple, and white.
YUCCA (Adam's Needle). Tall spikes of cream-colored flowers.

Climbing Vines

Very useful for porch shade and wall or fence covering.

AMPELOPSIS VEITCHI (Boston Ivy). Will cling to brick or concrete walls or chimneys. Price, 50c each; \$4.00 per 10.
ARISTOLOCHIA Sipho (Dutchman's Pipe). A very rapid-growing vine with very large, light green leaves which retain their color from early spring to late fall. Peculiar brownish flowers which resemble a miniature pipe. Price, \$1.00 each.
CLEMATIS paniculata. Glossy, dark green foliage, and covered in the latter part of the summer with starlike white flowers, fragrant. Price, 35c each; \$3.00 per 10.
HALL'S JAPAN HONEYSUCKLE. White blossoms turning to a bright yellow. Trumpet shape. A fast grower with dense foliage. Price, 35c each; \$3.00 per 10.
SILVER LACE VINE. Of strong vigorous growth, attaining a height of 25 feet or more, producing through summer and fall foamy sprays of white flowers that turn rose-colored as they begin to fade. Price, 65c each; \$6.00 per 10.
CHINESE PURPLE WISTERIA. A strong, rapid-growing vine with light green foliage. (This is the Wisteria well known among American home owners.) Price, 60c each; \$5.50 per 10.

FRUIT for Farm and Suburban Homes

Trees will be shipped direct from the nursery at Westfield, Mass., by Parcel Post or Express, our option. Purchaser to pay transportation charges. Add 15c for first tree—5c for each additional tree.

APPLE TREES

Only the Best Varieties Listed
All trees are standard size.

2-year Apples, 75c each; \$6.50 per ten.
3-year Apples, \$1.00 each; \$7.50 per ten.
Baldwin. Red. Winter. An old favorite.
Cortland. Red. Autumn. Similar to McIntosh. Two weeks later.



Gravenstein. Autumn. Red striped with yellow. Excellent for pies.

R. I. Greening. Large, flesh yellow, firm, crisp. Best cooking apple. Ripens in December. Keeps until May.

Red Astrachan. Deep crimson. Juicy and tender; excellent for cooking. Tree hardy and vigorous and bears young. July-August.

Northern Spy. Winter. Red and yellow striped. One of the best eating apples.

Red Delicious. Winter. Red. Superior to regular Delicious.

McIntosh. October to January. Red. One of the best.

DWARF APPLE TREES FOR LIMITED SPACES

\$1.75 each; \$16.50 per 10.

Baldwin
Cortland

Delicious
McIntosh Red
Northern Spy

R. I. Greening
Wealthy



CHERRIES

For Eating Fresh—
Pies—Canning

\$1.00 each; 3 for \$2.80; 10 for \$9.00.

Black Tartarian. Sweet. Black.

Early Richmond. Sour. Red.

Late Montmorency. Sour. Red.

English Morello. Sour. Very late black.

PEACH TREES

Easy to Grow—
Take Little Room
50c each; 3 for \$1.45;
10 for \$4.50

Belle of Georgia. Yellow skin overspread with red. Flesh white and juicy. Excellent for canning. Early September.

Carman. Brilliant red splashed with yellow. Flesh white, juicy, pleasant, very tender. Productive and well adapted to cold winters and dry summers. August.

Crawford Early. Yellow, with heavy red blush. Flesh yellow. An old time favorite. Late August.

Elberta. Large yellow with red cheek. Flesh yellow. Heavy cropper. Hardy. Early September.

Golden Jubilee. Large yellow overcast with red. Flesh yellow. One of the newer varieties. Late August.

Hale-Haven. Yellow freestone.

J. H. Hale. Larger than Elberta. Deep golden yellow overlaid with deep carmine. Flesh deep yellow. Fine grained. Fuzzless. Early August.



PEARS

Plant These Juicy Tender
Richly Flavored Pears—
Enjoy Delicious Fruit
\$1.00 each; 3 for \$2.80;
10 for \$9.00.

Bartlett. An every purpose Pear. Excellent for canning. Fruit large, pyramidal. August and September.

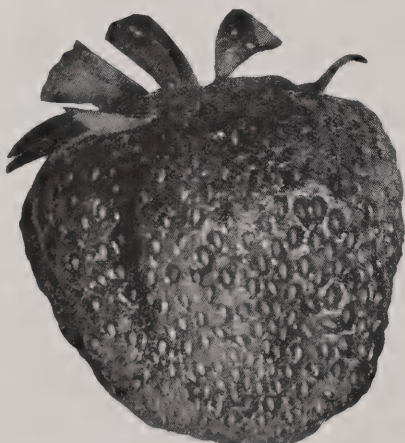
Clapp's Favorite. Early. Large, rich and juicy.

Sheldon. Round in form. Dark green covered with russet. Rich flavor. The tree is a vigorous grower. Unexcelled for home planting. October and November.



Leading Strawberries

Extra Strong Roots Ready to Yield Fine Crops



Runner plants—prices: 25, 50c; 50, 90c; 100, \$1.50; 500, \$6.00.

Potted plants, ready about August 15th. Prices: 25, \$1.75; 50, \$3.25; 100, \$6.00.

Prices include delivery—plants are freshly dug for each order.

CATSKILL. New midseason variety. A heavy bearer of large size and attractive berries. It has extra long roots and will stand dry weather better than the average. You will be pleased with this berry. Order early as our supply is limited.

DORSETT. (Per.). New. Introduced by U. S. Dept. of Agriculture. A vigorous grower. Berries bright red, mild flavor. Early.

FAIRFAX. (Per.). New. Introduced by U. S. Dept. of Agriculture. Makes few runners. Foliage large, dark green. Berries deep red, very sweet. Long bearing season. Early.

HOWARD 17. (Per.). One of the best early berries, bright red color, large size, very productive and firm.

PATHFINDER. This new variety originated in New Jersey. Berries ripen a few days after Howard 17. Is a very vigorous and healthy plant and makes just enough runners for a good bed. The berries are large, of good shape and color. The quality is good. The plant is very productive. It will pay you to try some of this outstanding variety.

WILLIAM BELT. (Per.). Considered the best flavored berry grown. Bears large crops of sweet, juicy berries and does extra well the second year. An old variety, but seems to become more popular each year. Late.

Everbearing Varieties

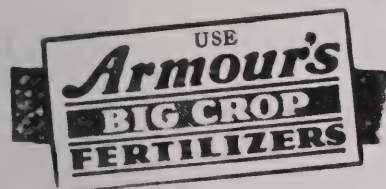
Prices: 25, 70c; 50, \$1.25; 100, \$2.00; 500, \$8.00.

GEM. Berries are even size, about as large as Mastodon. Plants have less foliage; flavor is delicious. Berries are firm.

MASTODON. The berries are very large and hold their size well. Plants set in spring begin bearing in August and bear until the ground freezes.

General List of Fertilizers and Soil Builders

We make prompt delivery of fertilizers, insecticides, lawn grass and other materials, to all points within our suburban delivery area without additional charge.



Armours 5-10-5. An ideal fertilizer for market gardeners. Price: Per 100 lbs., \$2.50; per ton, \$40.10.

Armours 5-8-7. High grade fertilizer. Price: 25 lbs., 85c; 50 lbs., \$1.40; 100 lbs., \$2.50; per ton, \$40.20.

LEE MAGNESIUM GROUND LIMESTONE. A magnesium limestone particularly suitable for soils showing a deficiency of magnesium. Price per 100-lb. bag, \$1.00; 500 lbs., \$3.50. Ton prices on request.

TOBY GROUND LIMESTONE. A high calcium, finely ground limestone. Price per 100-lb. bag, \$1.00; 500 lbs., \$3.50. Ton prices on request.

SURE CROP HYDRATED LIME. Price: 50-lb. bag, 60c; 100 lbs., \$1.00. Ton prices on request.

SNOW FLUFF HYDRATED LIME. For spraying. Price: 50-lb. bag, 65c; 100 lbs., \$1.15. Ton prices on request.

CLAY'S IMPORTED FERTILIZER. Highly concentrated. Sold only in original packages. 14-lb. bag, \$2.00; 28-lb. bag, \$3.50; 56-lb. bag, \$6.50; 112-lb. bag, \$12.00.

LAND PLASTER (Gypsum). For composting and dusting. Per bag of 100 lbs., \$1.25; per ton, \$18.00.

ARCADIAN NITRATE OF SODA. An active, quickly soluble nitrogenous fertilizer stimulating leaf growth. For lawns, leafy vegetables, tomatoes and plants showing tardy growth. Price: 5 lbs., 30c; 25 lbs., 95c; 50 lbs., \$1.65; 100 lbs., \$2.95.

MURIATE OF POTASH 50%. A highly concentrated form of potash. Used in forcing vegetables and with a filler as a general fertilizer. Price: 100 lbs., \$2.95.

SULPHATE OF AMMONIA 20.56%. The most concentrated nitrogenous top dressing on the market. Price: 5 lbs., 35c; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.25.

SULPHATE OF POTASH 48%. It is the most highly concentrated form in which this very important plant food element is obtainable. Price: 100 lbs., \$3.65.

FINE GROUND BONE. 2.47% nitrogen, 23% phosphoric acid. Price: per 25 lbs., \$1.00; per 50 lbs., \$1.85; per 100 lbs., \$3.25; ton, \$51.00.

IMPORTED GROUND PEAT FOR HORTICULTURISTS. Finely ground (granulated) peat is of recognized value to the florist, gardener or nurseryman. Market price.

CANADIAN ASHES, HARDWOOD. Valuable for potash, destroying insects and controlling diseases. For top dressing lawns; apply at rate of 1 to 2 tons per acre. 50 lbs., \$1.50; 100 lbs., \$2.50; ton, \$40.00.

CALCIUM CHLORIDE. Dust layer and surface binder. One bag will cover about 50 square yards. Used also as an anti-freeze. Sold in 100-lb. bags only. 100-lb. bag, \$2.70. Prices for larger quantities on request.

Adco—For Making Artificial Manure

150 lbs. of Adco converts leaves, garden refuse or other waste vegetation into 3 tons of artificial manure by a simple composting method. Home owners, vegetable growers or florists can profit by its use. 7½-lb. pkg., \$1.00; 25-lb. bag, \$2.00; 100 lbs. (4-25's) \$7.75.

BOVUNG is COW MANURE in a CONVENIENT and CONCENTRATED FORM

* BOVUNG is absolutely free from live weed seeds.

* BOVUNG can be applied without fear of burning or harmful results.

* BOVUNG supplies plant food as the plant needs it.

* BOVUNG is clean, convenient to handle and is reasonable in price.

Prices: 25-lb. bag, \$1.00; 50-lb. bag, \$1.60; 100 lbs., \$3.00; 500 lbs., \$13.75; 1,000 lbs., \$27.50; ton, \$50.00.




ARMOUR'S SPECIAL PUTTING GREEN FERTILIZER 8-5-2 for LAWNS, CEMETERIES and GOLF COURSES

It is a well blended mixture of major and minor plant foods to properly feed your grass. Its high organic content enables the grass to secure its feed for a long period of time. It contains at least 40% organic materials. Many local users attest to its results.

Per 25-lb. bag \$ 1.25
Per 50-lb. bag 2.25
Per 100-lb. bag 3.50
Per ton 60.00

Armour's Special Tree Food 10-8-6

Price: per 100-lb. bag, \$4.00; per ton, \$70.00.



Nit.	A.P.A.	Pot.	Ton	100 lbs.
8%	16%	20%	\$64.00	\$3.75
7%	7%	7%	43.80	2.75
4%	8%	10%	40.05	2.50
4%	16%	4%	40.95	2.75
16%	Super Phosphate		18.50	1.35
20%	Super Phosphate		22.80	1.60

Sold in 100-lb. bags only. All prices in this catalog subject to change without notice. Ton prices subject to cash discount.



Lōma

THE PERFECT PLANT FOOD

Your lawn and garden are dependent on YOU for proper care and food. So why not give them the **finest—the quality** ration that science says is "the best thing on earth for lawns, flowers, shrubs, trees, plants and vegetables." You'll be thrilled how miraculously Loma steps up the health, vitality and luxuriance of all growing plants—big or little. Economical because so highly efficient. Clean. Odorless. Easy to handle.

1-lb. canister for indoor plants \$0.10
5-lb. carton, covers 10 ft.x12½ ft.45
10-lb. bag, covers 10 ft.x25 ft.85
25-lb. bag, covers 25 ft.x25 ft. 1.50
50-lb. bag, covers 25 ft.x50 ft. 2.50
100-lb. bag, covers 50 ft.x50 ft. 4.00

Vitamin B-1 Vitaforce Tablets

Produces Amazing Reinvigorated Root Growth

The effect of vitamin B-1 on plant growth represents one of the newest and most exciting discoveries ever made. Vitamin B-1 is not a fertilizer nor is it any other form of plant food. However, it enables plants to gain the greatest possible benefit from the soil in which they are growing. Full instructions sent with every package.

100 tablets to a bottle, each Tablet making one gallon, 35c; postpaid, 40c.

TOBACCO DUST. Fine, ground; for greenhouse use this is one of the best articles for dusting all kinds of plants that are affected with insects of any kind. Per bag of 100 lbs., \$5.00; 50-lb. bag, \$2.75; 5 lbs., 50c.

TOBACCO STEMS. Used for fumigating, also used by some as a top dressing for fertilizer. We can furnish these in any quantity. Prices: 5 lbs., 50c; 100 lbs., \$3.00.

STIM-U-PLANT tablets are designed for use by all who grow plants. Simply insert a tablet in the soil near each plant or dissolve four tablets per gallon of water. Price postpaid, 30 tablets, 25c; 100 tablets, 75c; 1000 tablets, \$3.50.

General List of Fertilizers and Soil Builders

VIGORO

The Secret of
Beautiful Flowers
and a
Lovely Lawn...



A LOVELY GARDEN COMPLETES YOUR HOME

YOUR home is just a "roof over your head" until you add the restful charm of a beautiful, velvety-green lawn, bordered by colorful flowers.

For a finer lawn and garden, feed with Vigoro. It supplies the eleven food elements science has found all plants need from the soil. Vigoro is clean, odorless, sanitary, easy to use, and most economical.

VIGORO

Complete plant food

A Product of Swift & Company
PRICES

100-lb. bag ...\$4.25	25-lb. bag ...\$1.55	5-lb. pkg. ...\$0.45
50-lb. bag ... 2.75	10-lb. pkg. ... .85	1-lb. pkg. .... .10

MILORGANITE The Ideal Fertilizer

FOR LAWNS, GARDENS, FLOWERS,
SHRUBS AND TREES

By using Milorganite you can have a finer, more luxuriant lawn—deep green grass of uniform color and growth, weed-free turf of velvety texture. Promotes steady, uniform growth. Milorganite "has what it takes" for healthy continuous plant growth. Packed in 100-, 50-, and 25-lb. bags only. 25-lb. bag, \$1.00; 50-lb. bag, \$1.75; 100-lb. bag, \$3.00; ½-ton lots, \$2.65 per 100 lbs.; ton lots, \$45.00 per ton.



SWIFT'S PULVERIZED SHEEP MANURE

A standard dressing for lawns, also excellent for shrubs and flowers. Apply at the rate of about 50 lbs. per 1000 sq. ft. Prices: 5-lb. bag, 30c; 10-lb. bag, 50c; 25-lb. bag, 90c; 90-lb. bag, \$1.60; 100-lb. bag, \$2.75; ton, \$45.00.

DRICONURE

A garden and lawn top dressing and soil improver. This ideal plant food combines poultry and cow manure with peat moss. Clean, easy to use; will not burn. Large 2-bu. bags, sufficient for top dressing 1000 sq. ft. lawn area or fertilizing 250 sq. ft. garden area. Price per 2-bu. bag, \$1.75.

HOTKAPS



Hotkaps are waxed paper cones, easily set out in quantity over seed or growing plants. Hotkaps protect growing plants, increase yields, mature crops 2 to 3 weeks earlier, insure premium prices.

Hotkap Home Garden Package. 25 Hotkaps and cardboard setter. 50c.

Special 100 package containing 100 Hotkaps, garden setter and tamper. \$2.75.

Special 250 package containing 250 Hotkaps, garden setter and tamper. \$4.00.
Steel Hotkap setter and tamper. \$1.50.
Large package 1000 Hotkaps. \$10.75 per M.

'TWIST-EMS'

THE NEW HANDY PLANT-TIE

A simpler, quicker, better method. "Twist-ems" are dark green strong paper with wire reinforcing that make perfect plant ties with a twist of the wrist. For plants, vines and arranging flowers. Box of 125 8-in. size, 25c; box of 250 4-in. size, 25c. Add five cents for postage. Ask for prices on the nurseryman's package packed 5M to package.



PLANTABBS



Plantabbs now contain Vitamin B1. Vitamin B1 is combined with Plantabbs. B1 is not a fertilizer or food. It simply acts to release and magnify the food in soil. If the soil is poor, there is no food to release, therefore, Plantabbs supply a complete, balanced food and Vitamin B1 magnifies its value.

Small pkg. (30 tablets), 25c; postpaid, 30c. 75-tablet pkg., 50c; postpaid, 55c. 200-tablet pkg., \$1.00; postpaid, \$1.10. 1000-tablet pkg., \$3.50; postpaid, \$3.65.

Remedies for Insects, Fungus, Etc.

Plantet

A complete nutrient mixture for growing plants in water and sand the new soilless way. This new hobby, the soilless growing of plants, is an unlimited source of entertainment and at the same time is educational. No special equipment necessary.

8 oz. bottle of dry mixture, enough for preparing 30 gallons of growth solution. Price, 75c; postpaid, 85c.

Ever Green Spray

Non-poisonous. Kills both chewing and sucking insects. Easy to use, just mix with water and spray. 1 oz. makes 6 gallons of spray for aphids. 1-oz. bottle, 35c; 6-oz. can, \$1.00; 16-oz. can, \$2.15; 1-gal. can, \$12.20.



When exposed to the air, Cyanogas A-Dust gives off gas that kills these destructive pests almost instantly. One whiff is enough for any woodchuck. A heaping tablespoonful in each opening is sufficient. All openings should then be closed.

Cyanogas is also certain death to rats, moles and ground squirrels. 1/2-lb. can, 45c; 1-lb. can, 75c; 5-lb. can, \$3.00; 25-lb. can, \$10.00.

"Nico-Fume" Powder Pressure-Fumigator

"Nico-Fume" Powder is now packed in hermetically-sealed cans. It is packed in both one-half and one pound cans. Two holes are scored, ready to be punched out. A special lighter is attached to the can. 12 1-lb. tins to case, \$7.00; 1-lb. tins, \$3.75; 1-lb. tin, 75c. 12 1/2-lb. tins to case, \$4.20; 6 1/2-lb. tins, \$2.40; 1/2-lb. tin, 45c; Nico-Fume Powder, 10-lb. tin, \$5.35.

NICO-FUME LIQUID. An effective vaporizing liquid. 1 lb., \$2.25; 4 lbs., \$5.75; 15 lbs., \$10.00.



Kills Ants in the Nest

ANTROL



Regular Set

Ready Filled Set

Antrol is easy to use, economical, safe around children and pets. Consists of small glass containers from which worker ants carry special Antrol syrup to their nests for food. The whole ant family is quickly killed at the source—the only way to get permanent relief. Antrol containers are heavy glass, with rust-proof aluminum lids. Controls both sweet and grease-eating ants.

Ready Filled Sets, containing 4 filled feeders, 40c.
Regular Antrol Set, 4 containers and 4-oz. bottle syrup, 60c.
Syrup, 4-oz. bottles, 20c; pints, 50c; gallons, \$2.75.
Extra glass containers, 10c each.



Antrol Ant Traps

Kills both sweet and grease-eating ants as it contains two kinds of specially prepared materials, ready to use by simply punching out the perforations on the side of the can. Antrol Ant Traps, 10c each.

Antrol Ant Powder

An improved fast-killing powder in an attractive handy shaker can. 1 3/4-oz. can, 10c; 4 1/2-oz. can, 25c.



Buckeye Antube—Economical—Safe—Quick. Used by most all Country Clubs. Household and garden size, 35c; Country Club size, \$1.00 per tube; \$9.25 per doz. tubes.

Stanley's Crow Repellent

The most effective way to prevent crows and other birds from pulling corn is to treat the seed with something that is repellent to them. Stanley's Crow Repellent is excellent for this purpose. The material is non-poisonous, easy to apply, will not injure seed of any kind and will not clog any planter. Directions for treating seed on each can. 1/2-pt. can, 60c. (Enough for 1 bu. corn.) 1-pt. can, \$1.00. (Enough for 2 bus. corn.) 1-qt. can, \$1.75. (Enough for 4 bus. corn.) Mailing weight, each 2 lbs.



Arnold Garden Hose Insecticide Sprayers

ARNOLD STANDARD SPRAYER. Shut-off, transparent cart-ridge chamber with metal threaded ends, 12-inch angle nozzle, chromium plated, \$3.50.

ARNOLD SPECIAL SPRAYER. Shut-off, 12-inch nozzle, brass finish, transparent cartridge chamber, \$2.50.

ARNOLD SPECIAL CHROMIUM SPRAYER. Shut-off, 12-inch nozzle, brass finish, transparent cartridge chamber, \$3.00.

Arnold Cartridges

P-R (Pyrethrum-Roteneone). For the control of such sucking and chewing insect pests as aphids, rose beetle, canker worm, red spider. 35c each; 12 for \$4.00.

PYR-O-SPRAY CARTRIDGES. Will aid in the control of certain soft-bodied sucking insects such as aphids. 35c each; 12 for \$4.00.

ROT-O-SPRAY CARTRIDGES. Will aid in the control of such insects as cyclamen mite, Mexican bean beetle, striped cucumber beetle and red spider. 35c each; 12 for \$4.00.

NIC-O-SPRAY CARTRIDGES. Will aid in the control of certain soft-bodied sucking insects such as aphids. 35c each; 12 for \$4.00.

ARSEN-O-SPRAY CARTRIDGES. Will aid in the control of canker worm and other similar leaf-chewing insects. 25c each; 12 for \$3.00.

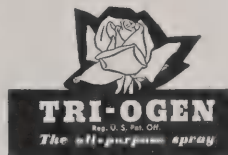
FUNGUSPRAY CARTRIDGES. Will aid in the control of certain leaf spots or blights such as are controllable by a mild or weak Bordeaux Mixture. 25c each; 12 for \$3.00.

SULPH-O-SPRAY CARTRIDGES. Will aid in the control of such fungus diseases as are controllable by a mild and weak sulphur spray. 25c each; 12 for \$3.00.



SNAROL (With Metaldehyde as an attractant). Cutworms, slugs, snails, grasshoppers, and other annoying pests are quickly exterminated by this amazing new preparation. Snarol is a ready prepared meal that you simply broadcast on the ground—under the flowers and plants. Water will not harm it. 1 1/2-lb. carton, 35c; 4-lb. carton, 85c; 15-lb. bag, \$3.00; 50-lb. bag, \$8.00.

Insecticide, Fungicide and Plant Stimulant in One Spray



We highly recommend TRI-GEN for your roses—it not only protects them against all fungus diseases and insect pests, but it stimulates vigorous plant growth and assures healthy green foliage and luxuriant blooms.

Small kit, \$1.50 Medium kit, \$ 4.00
Large kit, \$6.00 Estate kit, \$20.00

INSECTROGEN. Kills most leaf-eating insects. Recommended to be used with Fungtrogen on roses and other plants. 4 ozs., 60c; 1/2 pt., \$1.00; 1 pt., \$1.75.

FUNGTROGEN. For mildew and black spot on roses and other plants. 4 ozs., 45c; 1/2 pt., 75c; 1 pt., \$1.25; 1 qt., \$2.00; 1 gal., \$6.00.

TEROGEN. Autumn-winter ground dressing and soil disinfectant, kills the larvae of insects, such as rose-pith borer, rose bugs, Japanese beetles, aphids and ants. 1-lb. tin, 75c; 2-lb. tin, \$1.25; 5-lb. tin, \$2.75.

MOLOGEN. (In powder form.) Will in no way injure the grass or soil. Eliminates moles from lawns within two or three days. 1/2-lb. can, 50c; 1 1/2-lb. can, \$1.25; 5-lb. can, \$4.00.

Crow-Fez

Crow-Fez for use on seed corn gives the surest protection against corn pests. It protects corn during the period when it is most easily damaged, by ridding your fields of crows and other corn-pulling birds and rodents. It also helps seed rot and hastens germination.

1/2-pint can (enough for 1 bushel)\$0.35
1-pint can (enough for 2 bushels)50
1-quart can (enough for 4 bushels)75
Mailing weight, each 2 lbs.

Remedies for Insects, Fungus, Etc.

NIAGARA ARSENATE OF LEAD. A highly effective and practical insecticide for leaf-eating and chewing insects, bugs, and worms. Very valuable for the control of white grubs, worms, and certain weeds on lawns, golf courses, and other fine turf areas. Can be dusted on or applied in water suspension. 1-lb. canister, 30c; 4-lb. bag, 80c. Get our prices on larger quantities.

BLACK LEAF 40. (Nicotine Sulphate, Nicotine 40 Per Cent.) Is the best known remedy for potato lice, thrips, leaf hoppers, etc., and other similar insects. Use about 1 to 1000 or 1 oz. will make 6 gallons of solution. 1 oz., 35c; 5 ozs., \$1.00; 1 lb., \$2.25; 2 lbs., \$3.25; 5 lbs., \$5.85; 10 lbs., \$10.60; 50-lb. drum, \$42.50.

DRY BORDEAUX POWDER. For preventing blight on grapes, potatoes and other crops that are subject to rust, mildew and black rot; applied dry with bellows. Lb. canister, 30c; 4-lb. bag, 80c.

KALCO (Calcium Caseinate) acts as a cohesion neutralizer. Kalco destroys the tendency toward cohesion and causes the material to spread evenly. Kalco Calcium Caseinate acts as a spreader and adhesive for spray materials. 2 lbs., 36c; 100 lbs., \$16.00.

TREE TANGLEFOOT. A safeguard against gypsy, brown-tail and tussock moth, canker worm, ants and all creeping things. 6 ozs., 35c; 1-lb. can, 75c; 5-lb. can., \$3.25; 10-lb. can, \$6.25; 25-lb. pail, \$12.00.

GRAFTEX. Scientific grafting compound. An ever-plastic compound. Endorsed by leading tree surgeons and agricultural authorities. 1/2-lb. can, 50c; 5-lb. can, \$4.25 each.

GRAFTING WAX. Prices: 1/4 lb., 20c; 1/2 lb., 30c; lb., 50c.

CREOSOTE FOR GYPSY MOTHS. For the destruction of the eggs of gypsy moth. Qt., 50c, shipping weight 3 lbs.; gal., \$1.25, weight 9 lbs.; 5-gal. can, \$4.50.

CABOT'S TREE HEALING PAINT. 1 qt., 40c; 1 gal., \$1.00; 5 gals., \$4.25. Barrel lots, price on request.

COAL TAR. For tarring corn to prevent crows from pulling it. 1/2 pt., 15c; 1 pt., 25c; qt., 35c. Shipping weight 2 lbs. and 4 lbs.

WILSON'S O. K. PLANT SPRAY. An excellent general contact spray for garden or greenhouse. Dilute 1 qt. to 10 gals. water. Kills aphids, thrip, red spider, lace wing fly on Rhododendrons, box mite, currant worms, etc. Prices: 1/2 pt., 40c; 1 qt., \$1.00; 1 gal., \$3.00; 5 gals., \$12.00.

K-O FLY SPRAY for Cattle. Contains no tar, refuse or heavy dark oils. Will not taint milk when used as directed. Price: per gal., \$1.20, weight 9 lbs.; 5-gal. can, \$5.40.

IN-A-MINUTE. Will destroy bugs, roaches and similar vermin. Used for cleaning clothing, ink stains, etc. Price: 14-oz. bottle, 50c.

LIME-SULPHUR. (Dry.) Used for the same purpose and has the same effectiveness as the liquid form and is much easier to handle. 1-lb. cans, 35c; 5-lb. cans, \$1.35; 25 lbs., \$3.75; 100 lbs., \$10.00; 200 lbs., \$9.25 per 100.

CONCENTRATED LIQUID LIME-SULPHUR kills San Jose scale, oyster shell, etc. An easily prepared spray which should be applied to trees any time between the autumn falling of leaves and the spring budding. It destroys growths injurious to the tree without in any way harming the tree itself. Simply dilute with water and apply. 1 gallon of Lime-Sulphur makes 10 gallons of spray. 1 qt., 50c, weight 3 lbs.; 1 gal., \$1.00, weight 12 lbs.; 5 gals., \$3.25. 50-gal. barrel, price on application.

BUG DEATH. Reliable powder insecticide, contains no arsenic or Paris Green. Effective against leaf-eating bugs and worms. 1-lb. pkg., 25c; 5-lb. pkg., 75c; 12 1/2-lb. pkg., \$1.50; 100-lb. pkg., \$10.50.

GREENTOX—Rottenone Garden Spray. Controls leaf-eating and sucking insects on flowers, shrubs, fruits, etc. Kills 3 ways—by contact, by fumes, and by stomach poisoning. Greentox is non-poisonous to humans, animals, and birds. Oz., 35c; 6 ozs., \$1.00; 16 ozs., \$2.00; 32 ozs., \$3.50; gal., \$12.00.

FORMACIDE. (Hammond's.) Stabilized Formaldehyde Dust seed and soil disinfectant used as a control of damping off. 1-lb. can, 75c; 5-lb. can, \$2.00; 25-lb. drum, \$5.50.

FORMALDEHYDE. (Liquid.) Prevents potato diseases and insures a big, healthy crop. 1 lb., 45c.

PARIS GREEN. A poisonous insoluble powder, for preventing the ravages of potato-bugs, codling moth, caterpillars, slugs. Mix 1 pound to 100 pounds of plaster, or 200 gallons of water. Lb., 50c; 1/2 lb., 30c; 1/4 lb., 20c.

PINE TAR. Used in the stable for cuts and bruises. 1/2 pt., 20c; pt., 30c; qt., 40c.

SEMESAN. The modern seed disinfectant for all agricultural purposes. Full directions with each can. Circulars mailed upon application. 2-oz. can, 35c; 1-lb. can, \$2.25; 5-lb. can, \$10.00.

SEMESAN JR. For sweet and field corn diseases. 1-lb. can, 75c; 5-lb. can, \$3.00.

SEMESAN BEL. For bulbs, roots, and tubers. 2-oz. envelope, 25c; 1-lb. can, \$1.50; 5-lb. can, \$6.50. Semesan being a poisonous disinfectant is not mailable.

SPECIAL SEMESAN. A fungicide for golf and lawn turfs. 5-lb. can, \$7.00; 25-lb. drum, \$32.50; 100-lb. drum, \$125.00.

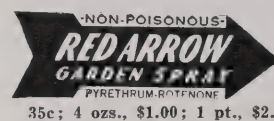
TOBACCO DUST. In 1-lb. package for dusting plants for lice, etc. 1 lb., 25c; 5 lbs., 50c.

FISH OIL SOAP. For destroying insects on plants, etc. Lb., 30c; 5 lbs., \$1.25; 10 lbs., \$2.00.

SLUG SHOT. A fine powder used for potato bugs and other insects. Recommended for cabbage worms. 5-lb. pkg., \$1.00; 1-lb. pkg., 25c.

GRAPE AND ROSE DUST. A readily diffusible, light weight powder fungicide, very effective in destroying powdery mildews and in preventing blights in greenhouses or in the open. Price: 5-lb. pkg., \$1.25; 1-lb. pkg., 35c.

CARBOLINEUM. Of the numerous preservative compounds on the market Carbolineum stands alone as time-tried and thoroughly tested. Gallon can, \$1.50, weight 11 lbs.; 5-gal. can, \$6.25.



RED ARROW INSECT SPRAY. Effective and non-poisonous. Will not stain or injure tender flowers. A contact spray that will kill both sucking and chewing insects. 1-oz. bottle, 35c; 4 ozs., \$1.00; 1 pt., \$2.85; 1 qt., \$5.00; 1 gal., \$12.50.

HERBICIDE. The original weed killer. A powerful chemical for destroying weeds and grass on roadways, paths, tennis courts, etc. Each gallon may be diluted with 50 gallons of water. 1-qt. can, 50c; 1-gal. can, \$1.50; 5-gal. drum, \$6.00; 10-gal. drum, \$10.00; 30-gal. drum, \$24.00; 55-gal. drum, \$33.00.

Dolge Weed Killer

Kills all growth on tennis courts, walks and drives. Destroys ivy, etc., on walls, fences and courtyards.

1-qt. can (enough for 10 gals.)	\$ 0.75
1-gal. can (enough for 40 gals.)	1.85
5-gal. can (enough for 200 gals.)	8.00
10-gal. can (enough for 400 gals.)	14.00
30-gal. bbl. (enough for 1200 gals.)	33.00
55-gal. bbl. (enough for 2000 gals.)	48.95

SUNOCO Spray Oil

For scale insects, aphids and red mite on apple trees. The ideal petroleum spray is an oil that will form a perfect and permanent mixture with water. The most distinctive characteristic of SUNOCO SPRAY is that it forms a perfect, permanent emulsion and will carry to every recess and cavity of bark or foliage in which the insect pests choose to harbor.

50-gal. steel drums, per gal.	\$0.37
30-gal. steel drums, per gal.	.42
15-gal. steel drums, per gal.	.50
5-gal. can, per gal.	1.00
1-gal. can, per gal.	1.25

SCALECIDE. The quality miscible oil. Dormant spray for trees, shrubs and vines. Used by leading fruit growers. Kills scale, insects, eggs, larvae and disease cankers and fungus spots wintering on the plant. Mixes instantly—dilute 1 to 15. 1 qt., weight 3 lbs., 65c; 1 gal., weight 9 lbs., \$1.55; 5 gals., \$5.50; 10 gals., \$9.50; 15 gals., \$13.25; 30 gals., \$21.00; 50 gals., \$29.00.

SULFOCIDE. A concentrated liquid sulphur fungicide. Used on both apples and peaches and all kinds of fruits, vegetables and flowers. Controls apple scab, brown rot of peaches, plums and cherries, blight and rot of potatoes, tomatoes, and melons. Used for mildew and rust on flowers and shrubs. Prices: 1 pt., 50c; 1 qt., 85c; 1 gal., \$2.25; 5 gals., \$7.50; 10 gals., \$13.50; 15 gals., \$18.50; 30 gals., \$33.00; 50 gals., \$50.00. Packages not returnable.

CUPROCIDE. (Red copper oxide.) A seed disinfectant. Prevents damping-off and other fungous diseases. 4-oz. pkg., 35c; 1-lb. can, 90c; 5-lb. can, \$4.00.

TOPZOL RAT BAITS. Kills rats and mice only. Safe, economical and simple to use. Pkg., 15c.

DOG-O-WAY. Keeps dogs away from evergreens and other plants. Harmless to children, plants and animals. Simply dust on foliage. Large size pkg., 25c.

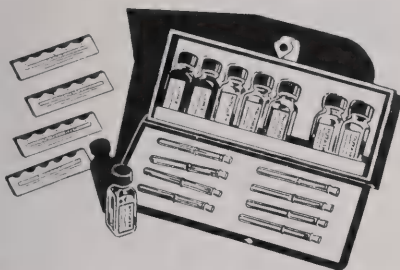


Liquid CHAPERONE

New outdoor dog repellent. "More effective than any other material for repelling dogs," reports a leading State Agricultural College. A wonderful new dog repellent that is not dissolved by rain. Harmless. Long lasting. Ends the dog nuisance in your garden. Try it when other materials have failed. Liquid Chaperone, full 12-oz. size, \$1; 4-oz. bottle, 50c.

Remedies for Insects, Rodents, Fungus, Etc.

THE SUDBURY "Club Model" SOIL TEST KIT \$4.75



This new model in the famous Sudbury line gives a complete season of soil testing at a far lower price than ever before. Makes 50 individual tests for nitrogen, phosphorus, potash, and acidity, showing how to lime and fertilize for best results. Easy to use. Cased in handsome sturdy imitation leather. Made by the maker of professional soil test kits used by experiment stations, nurserymen, growers and greenskeepers throughout the country. The Sudbury Club Model Soil Test Kit complete with instructions and helpful chart, \$4.75.

TESTING FLUID FOR REFILLS. Specify whether for nitrogen, phosphorus, potash or acidity. 2 ozs., 75c; 6 ozs., \$1.50.

Also, **Home Gardeners' Soil Test Kit**, \$2.00, postpaid.

Horticultural Soil Test Kit, \$9.75.

Professional Soil Test Kit, \$18.50.



Safe all-around spray for killing leaf-eating insects; prevents blight and fungus troubles on potatoes, vegetables, roses, fruit trees, etc. Prices: 25-lb. drum, \$5.00; 50-lb. drum, \$7.25; 300-lb. drum, \$30.00.

NICOTINE PYROX is the standard Pyrox with nicotine added to control sucking insects, as well as the chewing insects and blight. A complete spray. Prices: 17.6 oz. jar, 49c; 5-lb. drum, \$1.75; 25-lb. drum, \$5.65; 50-lb. drum, \$9.25.



Kills Poison Ivy and Other Weeds

5-lb. tin\$1.50
15-lb. drum 3.50

50-lb. drum, per lb.13
100-lb. drum, per lb.12
4-lb. tin Atlacide Dusting Powder85



KILLS-RATS-ONLY

Farm size, price: \$2.00; postpaid, \$2.10. Small size K-R-O Ready Mixed, 35c; postpaid, 45c.

Magikil Jelly (Ant Bait)

Kills ants. Quick, sure, easy to use. Simply squeeze out small bits from handy tube on ant nests or where ants are running. Effective indoors or out. Garden tube, 35c. Estate tube, 85c. **JUMBO tube, \$1.75. ANT TRAPS, 25c each.**



CYANOGEN ANT KILLER. Ants die instantly when you drop a little Cyanogas Ant-Killer into the entrance of the nest. This 4-oz. size contains enough Cyanogas to kill a million ants. 4-oz. can, 30c.



PYROTE. (Mechling's.) Concentrated Rotenone-Pyrethrum spray for flowers, plants, fruits, and vegetable crops, controlling the majority of chewing and sucking insects. Diluted with water, Pyrote has a very high toxic value. Will not discolor flowers. Contains spreader. Excellent control for chinch bugs and sod webworms. For control of bulb fly larvae, mites and thrips, dip bulbs in Pyrote solution before planting and after digging. Kills fleas on dogs. Full directions and dilution table in cartons. 1-oz. bottle, 35c; 6-oz. bottle, \$1.00; 1-pt. can, \$2.25; 1-gal. can, \$12.50.

MAGNESIUM ARSENATE. (Mechling's.) Used extensively for control of Mexican bean beetle. 2-lb. bag, 60c; case of 20 2-lb. bags, 50c per bag; 100-lb. drum, \$24.00.

MEXICAN BEAN BEETLE DESTROYER. (Mechling's.) Contains magnesium arsenate. Dust or spray. Effective control of Mexican bean beetle. A wonderful, smooth powder that can be dusted on plants or quickly made into a wet spray by the addition of water. 1-lb. can, 35c; 4-lb. bag, 75c.



Pomo-Green

The Leaf Green ALL-IN-ONE
Dust or Spray



"The best all-purpose dust or spray for roses and other flowering plants and shrubs. Highly effective in the control of black spot and mildew as well as chewing and sucking insects. This fine powder is dyed green so as not to discolor the foliage when used as a dust or when mixed with water and used as a spray. Highest rating in effectiveness against black spot and mildew in test conducted by the American Rose Society."

PRICE:

1-lb. can Pomo-Green with nicotine\$0.75
5-lb. can Pomo-Green with nicotine 3.00
25-lb. drum 12.75
100-lb. drum 40.00

Niagara Colloidal Spreader

With all combinations of sulphur fungicides and arsenicals, Colloidal Spreader improves the spread, increases the efficiency of the arsenical in the spray and aids in the prevention of arsenical injury. Use ½ lb. to 100 gals. of spray. When water is exceptionally hard, use 1 lb. to 150 gals. of spray. 1-lb. bag, 25c; 25 1-lb. bags, 21c per lb. bag; 50 1-lb. bags, 20c per lb. bag.

Niagara Kolofog

A highly effective sulphur spray for use on apples and peaches replacing lime and sulphur solution in all sprays following dormant or delayed dormant. Because of its great adhesiveness it makes an excellent carrier for Arsenate of Lead and is especially recommended for use in the calyx and first cover spray. Will not russet fruit or burn foliage. In the later sprays where the excellent sticking qualities of Kolofog may be objectionable, we recommend the use of Niagara Pre-Harvest Kolofog. Price: 48-lb. arton (8 6-lb. bags), \$4.50; 6-lb. bag, 75c.

NIAGARA PRE-HARVEST KOLOFOG. Price: 48-lb. carton (8 6-lb. bags), \$4.50; 6-lb. bag, 75c.

NIAGARA KOLOSPRAY. (83.5% Sulphur.) Wettable Sulphur. 50-lb. bags, \$6.85 per cwt.; \$3.50 per 50-lb. bag. Packed also, 10 5-lb. bags to carton per cwt., \$7.40; per 50-lb. carton, \$3.85; per 5-lb. bag, 50c.

NIAGARA POTA-TOX. 42-lb. cartons (6 7-lb. bags). Great for killing bugs. Mixes perfectly in any kind of sprayer. Use 7 lbs. per 100 gals. of water. Price: Per carton, 42 lbs., \$4.95; per 7-lb. bag, \$1.00.

NIAGARA VITIDUST. The Standard Copper-Lime and Poison Dust for apples and grapes, used to control disease and chewing insects. Per 100-lb. drum, \$6.80.

NIAGARA D-18. The Standard Copper-Lime and Poison Dust used to control potato bugs and diseases on all truck crops. Per 100-lb. drum, \$7.75.

NIAGARA D-25. The Standard Copper-Lime Dust, used for the control of diseases only, on potato and truck crops. Per 100-lb. drum, \$6.60.

NIAGARA A-1 NICOTINE DUST. The Standard Contact Dust, used to control sucking insects, aphids, red bugs, pear psylla, etc. Per 100-lb. drum, \$10.30.

For small quantities of the four above materials, add \$1.50 per 100 lbs. for 50-lb. drums, and \$2.50 per 100 lbs. for 25-lb. drums.

NIAGARA KOLODUST. The New Exclusive NIAGARA Dust that "sticks through rain and wind." This is a fungicide only, used in the control of diseases on fruit and flowering plants. Per 100-lb. bag, \$5.15.

NIAGARA KOLOTEX. The New Exclusive NIAGARA Sulphur and Poison Dust that "sticks through rain and wind." This is a fungicide and stomach poison combined, used for the control of codling moth, strawberry weevil and diseases on apples, pears, etc. Per 100-lb. bag, \$6.55.

NIAGARA KOLOKIL. The New Exclusive NIAGARA Sulphur and Poison Dust containing extra large percentage of Arsenate of Lead. This material is used wherever extra heavy ravages of chewing insects prevail; also in controlling such diseases as may be present. Per 100-lb. bag, \$7.10.

NIAGARA DUO-BORDO. Makes a real Bordeaux Mixture. Packed in 50-lb. cartons consisting of 5 bags of bluestone and 5 bags of lime—enough for 250 gals. of spray. Price: Per 50-lb. carton, \$4.00.

NIAGARA COPODUST. The New, Exclusive Niagara Copper-Lime Fungicide for potatoes and other field crops. Per 100-lb. drum, \$6.90.

NIAGARA COPOTEX. The New, Exclusive Niagara Copper-Lime Dust for field crops, with poison added, for potato bugs, etc. Per 100-lb. drum, \$9.05.

NIAGARA-STIK. A new "Hormone Anti-Drop Spray." Use ¼ lb. of Niagara-Stik to 100 gallons of water. The powder wets easily and may be used in any type of water. ¼-lb. can, \$1.60; 6-lb. case (24 ¼-lb. cans), \$33.60.

Dusters — Insecticides and Fungicides

Niagara Dusters

FOUR NIAGARA PLUNGER TYPE HAND DUSTERS

"Pint" Duster. Mailing weight, 2 lbs. 75c.

"Pint" Extension Duster. Mailing weight, 2 lbs. \$1.00.

"One Quart" Duster. Mailing weight, 3 lbs. \$1.25.

"Two Quart" Duster. Mailing weight, 4 lbs. \$2.50.

Niagara No. 5200 Blower Dust Gun. Crank type, continuous brush feed. Easy to carry and operate. For use by commercial growers as well as home gardeners. \$17.00.

No. 5201. As above with Y attachment. \$18.50.

Niagara No. 5205 Cylindro Duster. Crank type. A new duster which has proven very satisfactory. \$17.00.

No. 5206. Same, with Y attachment. \$18.50.

Circulars will be gladly sent on request.

See us for details and prices on Niagara Orchard and Crop Power Dusters.

Savage Duster

Sprays Everything in Powder Form

Easy to carry and operate. Discharge tube may be raised or lowered for low or high plants or trees. Built of the finest material and workmanship and made to stand long, hard service. Price, \$20.00.

Platz Famous Hand Duster

Its agitator will crush and sift sulphur as well as the standard dusting materials. Capacity, one pound. Price, \$6.00.



Platz Green Hand Duster

Not illustrated. Price, \$7.00.

KILL DANDELIONS

Amazing new way to eradicate dandelions and other ugly lawn weeds. Kills roots completely for all time. Beautiful lawn thereafter. Wonderfully quick, easy method—merely touch the dandelion with our special No-Stoop Applicator and the entire plant DIES, dries up and blows away. Starts turning weed black within one hour after application.

No digging, no pulling, no stooping . . . Dan-D-Lion Killer Chemical in the special No-Stoop Applicator does all the work! Complete satisfaction guaranteed or your money back.



SPECIAL "GET-ACQUAINTED OUTFIT"
No-Stoop Applicator . \$1.25
Killer Chemical (enough to kill 1500 weeds) . . 1.05
Regular Cost \$2.30
LIMITED OFFER—
Complete, **ONLY \$1.95.**

KILLER KEMICAL (Without Applicator)
½-gal. can \$1.45
1-gal. can 2.35
5-gal. can 9.85
Also available in 10-, 30-, and 55-gal. Drums.

Niagara Flower Garden Dust or Spray

An exceptionally economical insecticide and fungicide combined containing sulphur and lead arsenate in just the right proportion to kill all of the leaf and bloom-eating insects and bugs. 1-lb. canister, 35c; 4-lb. bag, 90c.

Niagara Vegetable Garden Dust or Spray

A general purpose all-around material that can be dusted on the plants or mixed with water and sprayed. Just exactly the correct combination of Bordeaux and calcium arsenate to do the job. 1-lb. canister, 35c; 4-lb. bag, 80c.

NIAGARA ROTENONE. (Non-poisonous.) Dust or spray.

The safest bug-killing dust or spray. A combination of rotenone and pyrethrum with a smooth, fast dissolving carrier. 1-lb. canister, 30c; 4-lb. bag, 75c.

NIAGARA BEAN BEETLE DESTROYER. Dust or Spray.

This material contains sufficient magnesium arsenate to "knock them dead" without burning the foliage. 1-lb. canister, 28c; 4-lb. bag, 60c.

SULFUR (Niagara's Kolo-Sulfur). A very finely divided wettable sulfur. Can be used as a dust or spray for any purpose that a finely divided sulfur of micron fineness can be used. Per 4-lb. bag, 50c; per case (12 4-lb. bags), \$4.75.

NEU-ROTE. (Niagara's.) A rotenone-pyrethrum bearing liquid spray. Harmless to humans and animals—kills chewing and sucking insects such as aphids, leaf hopper, beetles, worms, etc.; safe to use on tender foliage. We recommend this to you as one of the most effective insecticides for use on all plants. Users say: "It kills everything but the plant." 1-oz. bottle, 35c; 5-oz. bottle, 85c; 12-oz. bottle, \$1.60; 1-gal. can, \$10.00; 5-gal. drum, \$42.50.

GREENHOUSES



CYANOGAS G-FUMIGANT. Scatter it over the greenhouse walks, and close the house for the night. One cent more than pays the cost of fumigating 1000 cubic feet in a greenhouse. Ask for "Cyanogas Handbook for Greenhouses and Nurseries"—contains complete directions. 5-lb. can, \$3.00; 25-lb. can, \$10.00.

ROOTONE

and bulbs and speeds up growth, thus producing earlier flowering; and in the case of vegetables, earlier crops. Stops damping-off. 2-oz. jar, \$1.00; 1-lb. can, \$5.00. Add 10c for postage.

ROOTONE, the plant hormone powder, increases roots on cuttings, seeds and bulbs. No soaking is necessary. Just dust and plant. Stimulates germination of seeds

TRANSPANTONE

Reg. U. S. Pat. Off.

TRANSPANTONE—the vitamin-hormone plant stimulant. Just mix 1 tea-

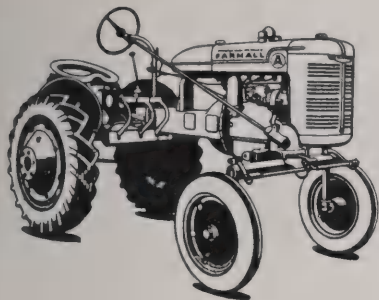
spoonful to a gallon of water, then water the soil around the roots. Stimulates backward plants and regenerates roots. Use on seedlings, shrubs, rose bushes and trees. 1 oz. makes 1000 gallons solution. 1-oz. can, 50c; 3-oz. can, \$1.00; 1-lb. can, \$4.00. Add 10c for postage.

NURSERY VOLCK. Is a scientifically selected insecticidal foliage oil emulsion that can be used on tender plants all through the season. Recommended as a contact spray to control scale insects, mealy bugs, red spiders, rust mites, white flies, and many other insects. ½-pint tin, 35c each; 1-quart tin, 75c each; 1-gallon tin, \$2.00 each; 5-gallon drum, \$8.00 each.

GARDEN VOLCK. Is a combination spray containing the highest quality summer oil combined with an active form of nicotine, plus soap as a wetting agent, making it a complete contact insect spray. Recommended to control aphids, mealy bugs, red spider, white fly, rust mite, certain scale insects and certain other garden pests. 3½-oz. bottle, 35c each; 1-pint bottle, \$1.00 each; 1-qt. bottle, \$1.50 each; 1-gal. tin, \$4.50 each.

McCormick-Deering Farm Equipment

Tractors

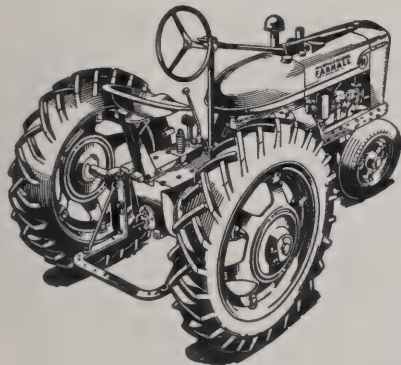


"LIFT-ALL" and "CULTI-VISION" Are Exclusive Farmall Features

Great strides in design have been made for 1941 by International Harvester engineers! Introduction of the four new Farmalls has brought an entirely new line of simplified, improved Farmall machines. See the new "Lift-All" Hydraulic Power Lift which can be supplied with the Farmall-M and Farmall-H. It raises and lowers the entire implement. You also can lift the front section before rear section is raised, lift either side independently, and lift and hold the implement to any desired working depth.

"CULTI-VISION" gives you a clear view of your work . . . you sit in comfort and see. A great advantage in cultivating. See this brand new exclusive feature on the 1-plow, 1-row Farmall-A and the 1-plow, 2-row Farmall-B.

Get our prices on these new Farmall Tractors and Farmall Machines.



Little Genius Tractor Plow No. 8

No. 8 Little Genius plows are easy to set up and easy to adjust to varying plowing conditions. They can be equipped with any standard type of bottom—all McCormick-Deering tractor plow bottoms being interchangeable on the Little Genius beams. Equipped with 2 14-inch bottom plows (general purpose) combination coulter and jointer. Price: \$128.00. 5% discount for cash.

Tractor Disk Harrow

Built in 5, 6, 7, 8, 9, and 10-ft. sizes to fit any tractor. Prices on application.

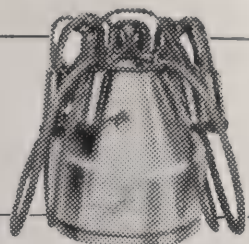
Disk Harrow

Has 12 16-inch disks and weight boxes. Very strong and durable. Weight 387 lbs. Price includes weight boxes, scrapers and 2-horse hitch. Ask for price.

Knife Grinder

Price\$5.75

You Get ALL These Features in McCORMICK - DEERING MILKERS



1. Easy to handle.
2. Natural milker action.
3. Same kind of milking every milking.
4. Compact, easy-running, self-lubricating piston type vacuum pump with counterbalanced drive shaft.
5. Automatic vacuum regulator gives right amount of vacuum no matter how many cows are being milked at a time.
6. Milking action uniform regardless of weather conditions.
7. Easy-to-clean, 2-piece teat cup assembly—flexible rubber inflation, strong metal shell for fast, easy milking.
8. Even distribution of weight in teat cup cluster assures even flow of milk.
9. One-piece, stainless steel or aluminum pails.

LET US QUOTE YOU ON COMPLETE INSTALLATION

No. 3 Potato Digger



By the use of two front wheels, the crushing and mutilating of potatoes is avoided. Weight 153 lbs. Price: \$26.50. 5% discount for cash.

All Steel Manure Spreader



This wagon style of Manure Spreader will go through gates, barn doors, stables, etc. Easy to load. Easy to haul. The best, lowest in price, most durable Manure Spreader on the market.

Six conveyor speeds permit placing more or less manure on certain spots as desired. The driver can instantly regulate the quantity of flow while the spreader is in operation. The short wheelbase, tracking of the front and rear wheels, and the auto-steer front truck make the McCormick-Deering a strong, durable, light-draft spreader.

Weight 1500 lbs. Get our prices before purchasing.

No. A91. 1-furrow 16-inch hand lift Tractor Plow for Farmall-A Tractor. Price: \$53.50, less 5% for cash.

No. H86. 2-way 16-inch power lift Tractor Plow for Farmall-H Tractor. Price: \$128.75, less 5% for cash.

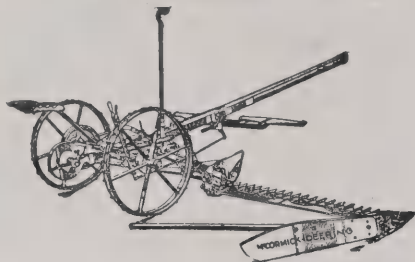
No. 10A. 6 ft., 24 16-inch disks, McCormick-Deering Tractor Harrow. Price: \$103.50, less 5% for cash.

Headquarters for McCormick-Deering Farm Equipment

ROSS BROS. CO., Worcester, Mass.

McCormick-Deering Farm Equipment

Vertical Lift Mowers



This mower, so well known by the farmer in general, is particularly adapted for New England use. The main lifting lever is equipped with automatic locking device. Equipped with tongue, neckyoke, whiffletrees, and 2 knives.

5-ft. Vertical Lift, 725 lbs.
6-ft. Regular Lift, 800 lbs.

Ask for price.

Vertical Lift One-Horse Mower

A One-Horse Mower practical for the farmer who has small acreage of hay to cut and for the truck farmer, the poultry farmer, the man who has large premises or yards; for use in large lawns, parks, orchards, cemeteries, golf grounds, etc.

4 ft., 570 lbs. Ask for price.

Mowing Machine Knife Sections

Per box of 25 sections, \$15.00.
Section rivets, 25c per lb.

Steel Frame Rake

8 ft., 25 teeth. Price: \$49.00, 5% discount for cash.

Windrow Hay Loader

A hay loader is just as essential as a side delivery rake for the economical handling of hay. It does quicker and better work and at the same time saves labor. Weight with forecarriage, 915 lbs. Ask for price.

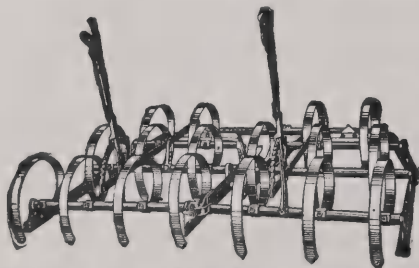
Side Rake and Tedder

Weight 940 lbs. Ask for price.

Hay Tedder

Ask for price.

Spring Tooth Harrow



A harrow made for every kind of work. It will take hold and pulverize where other makes have failed.

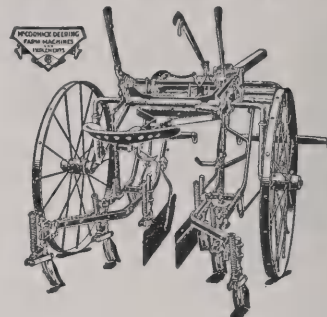
9-tooth, 1-horse	.....\$17.50
15-tooth	.....25.50
17-tooth	.....27.50

5% discount for cash.

Spike-Tooth Smoothing Harrow

Designed as a leveling harrow and for covering all kinds of grain and grass seed; also largely used for cultivating corn and potatoes just after they come up. Price: 60 teeth, \$23.75. Weight 226 lbs. 5% discount for cash.

Pivot-axle Riding Cultivator



Equipped with 8 double-pointed shovels and trip-slotted shanks. This style is especially adapted for the Eastern States. Can be adjusted from deep to shallow work, wide and narrow cultivation, without leaving the seat. Equally good on Corn, Potatoes, Peas, Beans, etc. Weight 508 lbs. Price: \$72.00.

Disc Hillers complete, extra, per pair, \$5.25. 5% discount for cash.

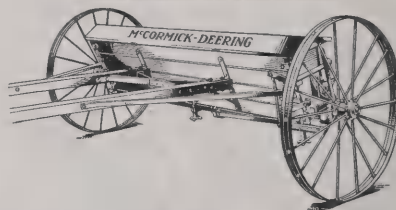
5-Tooth One-Horse Cultivator

Price: \$11.00. 5% discount for cash.

Dixie Wonder Cultivator

Can be adjusted to throw the soil to the rows or away from them. An excellent soil mulcher and weed killer. With wheel, \$12.50. 5% discount for cash.

Fertilizer Distributor



Distributes evenly all kinds of commercial fertilizers in large or small quantities. Limes 10 to 2350 pounds per acre. Instantly adjustable for different fertilizers and quantities without stopping machine. It is undoubtedly the lightest draft distributor on the market, light in weight, yet strongly built. The bottoms are lead-coated to resist corrosive action of fertilizer. One man can easily remove all distributing parts, clean and reassemble them in 5 to 10 minutes time. This machine can also be used as a broadcast seeder for sowing small grains, such as wheat, oats, barley, etc.

7-ft. Weight 655 lbs.	.....\$ 98.75
9-ft. Weight 729 lbs.	.....116.50

5% discount for cash.

Two-Way Success Sulky Plow No. 1

The ideal plow for irrigated fields and for sloping or hilly land where dead furrows mean undesirable ditches.

Quick-detachable shares, 13-inch rolling coulters, 2-horse steel evener. Price: \$111.50. 5% discount for cash.

Two-Row Corn Planter

Will plant in drills or hills and is adjustable for rows from 28 to 48 inches apart. Price quoted upon application.

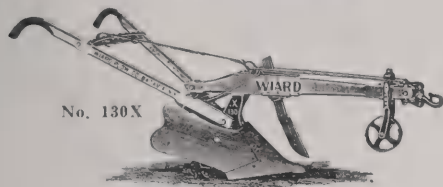
The Banner Root and Vegetable Cutter

A self-feeder; separates the dirt from the cut feed, and leaves the cut feed in such condition that the stock cannot choke.

No. 20. For hand power	.....\$26.50
No. 16. Hand and power	.....44.00
No. 7. Hand power for poultry	.....9.00

Farm and Garden Equipment

Wiard Swivel Plows



No. 130X. Wood beam, medium 2-horse plow, steel moldboard	\$26.80
No. 140. Wood beam, medium 2-horse plow, steel moldboard	28.30
No. 120. Steel beam, medium 2-horse plow, steel moldboard	29.55
No. 126. Steel beam, heavy 2-horse plow, steel moldboard ..	30.05
No. 22. Wood beam, light 1-horse plow, cast moldboard	14.00
No. 21. Wood beam, regular 1-horse plow, cast moldboard ..	15.00

5% discount for cash.

We also carry a full line of Wiard landside and contractors' plows. Prices on application.

The Wiard Reversible or Two-Way Power Sulky Plow

(Lift and trip operated by hand or foot)

With Shifting Pole, Automatic Shifting Clevis, and Adjustable Tilting Seat and Steel Wheels.

No. 400A. 2 or 3-horse. Weight, 550 lbs. Price: With chilled moldboards and point, \$121.00. Add for steel moldboards, \$3.00. 5% discount for cash.

Milk Cooling Equipment

Glenn Units and Tanks for Wet and Dry Installations
McCormick-Deering Coolers

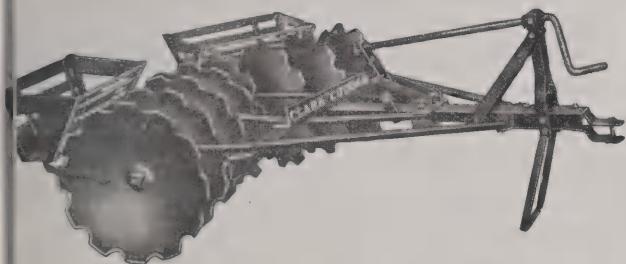
Ask us for information and prices.

Clark "Cutaway" Double Action Tractor Harrows

This harrow is the late model Flexible Tractor Harrow. Prices and folders on request.

A-6. 24 16-inch discs, 6½-ft. cut, 765 lbs., flexible type....\$114.75
A-7. 28 16-inch discs, 7½-ft. cut, 885 lbs., flexible type....\$126.25

5% discount for cash.



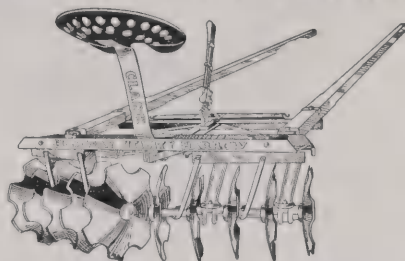
Clark "Cutaway" Wonder Disker

A remarkably efficient implement for subduing brush land, bog land, cleared woodland, drained swamps etc. Ideal for thorough and economical orchard cultivation, including sod breaking and disking-in cover crops. Price: 8 24-in. disks, 6-ft. cut, adjustable tractor hitch reversing irons, weight carriers, \$127.85. 5% discount for cash.

Clark One-Horse Cutaway Harrow With Shifting Levers

Weight, 245 lbs. Price, \$46.50. 5% discount for cash.

Clark's Utility One-Horse Cutaway Harrow



Adapted to the needs of small farmers and fruit growers. It has 10 14-inch cut-out steel discs.

No. of Discs.	Diam. of Discs.	Width of Cut.
10	14 in.	4 ft.

Price, \$38.70. 5% discount for cash.

Clark Reversible Single Action Cutaway Harrow

Like those on all other Cutaway implements, the discs on this harrow are the famous Clark cutlery steel discs forged sharp.

No. of Machine	No. of Discs	Diam. of Discs	Width of Cut.
A-6	12	16 in.	6 ft.

2-H hitch. Shipping weight, 315 lbs. Price, \$55.25. 5% discount for cash.

No. 8, One-Horse "Acme" Harrow

This style has 8 coulters, crushing shoes and seat; works 4 ft. 4 in. wide. Weight, 90 lbs. Price, \$26.00. 5% discount for cash.

The Acme Pulverizing Harrow

A general purpose harrow that will crush, cut, lift, turn, smooth and level the soil to perfection all in one operation. It prepares a perfect seed bed, and also covers seed in the best manner.

No. 23. Regular size, 1 and 2-horse, made in 2 sections. Price, \$33.50. 5% discount for cash.

"Wiard Yankee" Horse Rake, 25-Tooth

This type of rake has been used by New England farmers for half a century. Ask for price.

Meeker Smoothing Harrow

The discs grind all lumps very fine and mash small stones below the surface better than any field roller.

4 ft. 6 in. x 4 ft. with 8-in. discs, 175 lbs.	\$40.00
6 ft. 8 in. x 6 ft. with 8-inch discs, 200 lbs.	47.00
8 ft. x 6 ft. with 8-in. discs, 300 lbs.	60.00
6 ft. 8 in. x 6 ft. with 10-in. discs, 250 lbs.	50.00
8 ft x 6 ft. with 10-in. discs, 350 lbs.	70.00

5% discount for cash.

Spike-Tooth Cultivator

This cultivator is designed for cultivating between small fruits. Price, \$10.00. 5% discount for cash.

The New England Cultivator

Heavier and more rigid than the ordinary cultivator. Equipped with the horse hoe and hilling attachment. Complete with expanding lever. Price, \$19.00. 5% discount for cash.

Galvanized Standard Hardware Cloth

Standard Width, 24 to 48 inches, inclusive.

Rolls of 100 lineal feet.

2 x2 Mesh, per 100 sq. ft.	\$4.50
2½x2½ Mesh, per 100 sq. ft.	4.75
3 x3 Mesh, per 100 sq. ft.	4.80
4 x4 Mesh, per 100 sq. ft.	5.10
5 x5 Mesh per 100 sq. ft.	5.20

For 100 Sq. Ft.

For rolls 12 to 17 in. for 2x2 mesh only add\$1.00

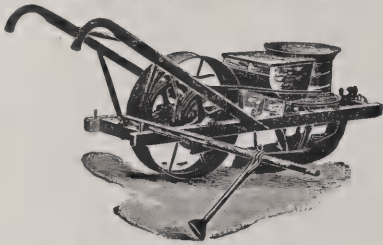
For rolls 18 to 23 in. for 2x2 mesh only add75

For 50-ft. rolls add15

For 25-ft. rolls add30

Farm and Garden Equipment

"King of the Cornfield"



Corn, Pea Planter, and Fertilizer Distributor.

Does perfect work, not only in planting corn in hills or drills, but does equally as good work planting peas, beans and all similar seeds, putting in the fertilizer as well. Price, \$49.75. 5% discount for cash.

Automatic Hand Corn Planter

Very handy for replanting and for small gardens. Price, \$3.00. Mailing weight, 5 lbs.

One-Hand Corn Planter

Lightest, most accurate, strongest and most up-to-date planter on the market. Price, \$2.00. Mailing weight, 5 lbs.

The Goslee Improved Marker

Adjustable tooth spreads, 2 to 4 ft. Price, \$22.50. 5% discount for cash.

Thompson's Grass Seeders



For broadcasting Grass, for sowing Red Top, Clover, Timothy, and all mixed seeds. Light, strong and simple.

SEEDER No. 5. Sows Clover, Timothy, Hungarian Millet, Alfalfa, chaffy seeds like Red Top, Orchard Grass and Kentucky Blue Grass. Price, \$19.00.

No. 4, GRAIN SEEDER BOX. 10 feet, for sowing all kinds of grain. Fits No. 5 Seeder, and with both boxes all kinds of grain and grass seeds can be sown. Price, \$11.00.

No. 5 SEEDER and No. 4 GRAIN BOX. Price, \$30.00.

Cahoon's Improved Broadcast Seed Sower

Will sow all kinds of grass and grain seeds from 4 to 8 acres per hour at a common walking gait. Heavy seeds, such as wheat, it will throw 40 feet (20 feet from each side of the operator); lighter seeds, of course, will not be thrown so far. Price, \$4.25. 8 lbs.

The Cyclone Broadcast Seeder

Will sow Timothy, Clover, Wheat, Oats, Rye, Buckwheat, Hungarian, Red Top, Millet and all other grains and seeds perfectly even. Net price, \$2.75. Mailing weight, 2 lbs.

Wright's Animal Tether

Designed to obviate the danger of horses and other animals becoming entangled in the rope with which they are fastened. Consists of a pole about 10 feet in length, connected with an upright bar, upon which it turns in any direction. Price, \$6.00.

Kraut Cutters

Number	Knives	Size	Each
10B	3	9x26	\$1.75
65E	3	11x30	3.00

Fairbanks Portable Platform Scales

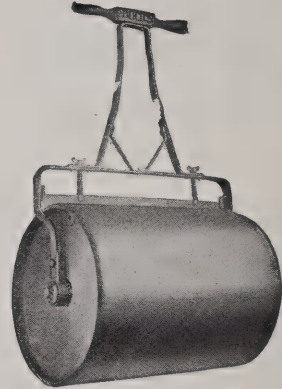
Number	Capacity	Price
1124	1000 lbs.	\$24.20
1128	500 lbs.	21.10

Two-Horse Steel Land Roller

Runs on hardwood oiled bearings, which can be easily renewed in case of wear. An up-to-date roller in every respect.

Price, \$45.00. Less 5% for cash.
1-horse roller, 2-section, \$40.00.

Buch Water Ballast Lawn Roller



The Buch water ballast lawn roller is electric welded, making one solid drum. Can be filled with water or sand.

No.	Diam. Inches	Length Inches		Weight Empty	Filled with Water	Price Each
605	14	24	Plain	60	175	\$ 9.75
606	18	24	Bearing	82	265	11.50
608	24	24	"	105	420	15.20
602	18	24	Roller	85	265	13.50
603	24	24	Bearing	110	420	17.20
604	24	32	"	130	565	19.70

Buchs New Home Water Ballast Roller

Just right for small home lawns. This new Home Roller will do the job. Diameter of drum, 14 inches; length of drum, 18 inches. Approximate weights: empty, 38 lbs.; filled with water, 120 lbs. No. 610. Price, \$4.95.

Soil-Soaker



Like all night rain, it really soaks the soil. Water seeps through entire length gently — no spray — puts water where you want it. All soaks to the roots. Made of scientifically treated mildew resistant canvas. One end screws to water hose, other end closed.

No. 0. Length, 12 feet. Mailing weight, 2 lbs.	\$1.25
No. 1. Length, 18 feet. Mailing weight, 3 lbs.	1.75
No. 2. Length, 30 feet. Mailing weight, 4 lbs.	2.75
No. 3. Length, 50 feet. Mailing weight, 5 lbs.	4.50

Wood Beam Shovel Plow

Very handy for furrowing out rows and for hilling up. Price, \$6.50.

Steel beam shovel plow, \$6.50.
5% discount for cash.

The Worcester Weeder

The best implement made for preparing a seed bed. Will pay for itself in one season. In cultivating corn it should be used before the crop is up and immediately after. Destroys weeds but does not injure crop. Price, \$16.00. 5% discount for cash.

The Worcester Horse Hoe and Hiller With Steel Wings

The best implement made for furrowing, covering and hilling potatoes and similar crops. Price, \$15.50. The Worcester Horse Hoe and Furrower with Disc Wings, \$16.75.

Planet Jr. Farm and Garden Tools

No. 12 Planet Jr. Double and Single Wheel Hoe

Price, \$11.50



Planet Jr. Double Wheel Hoes are almost universally used by professional vegetable growers. They will straddle the crop, hoeing both sides of the row at once and until the plants are 20 inches high. The No. 12 includes all the equipment usually required for gardening—a pair of hoes for shallow cultivating and weeding, four steel cultivator teeth for general cultivation and a pair of plows for hilling, furrowing, etc. A long bolt and ferrule are furnished for changing to a single wheel hoe for later cultivation.

No. 11 Planet Jr. Double Wheel Hoe—\$14.50

Same as the No. 12 but with additional equipment including a pair of $4\frac{1}{2}$ -inch hoes, a pair of 3-tooth rakes and a pair of 5-tooth rakes.

No. 13 Double Wheel Hoe—\$8.75

Same as No. 12 but equipped with one pair of hoes only. Used by thousands of market gardeners for weeding and shallow cultivation.

No. 16 Planet Jr. Single Wheel Hoe

Price, \$8.95



Planet Jr. Single Wheel Hoes are light, easily handled and do beautiful work. They are all steel except the handles—practically indestructible. Handles are adjustable for any height. No. 16 includes all equipment usually required in a garden—hoes for weeding and shallow cultivation—three steel cultivator teeth for general cultivation—a plow for furrowing, ridging, etc.—one 3-tooth and one 5-tooth rake for fine cultivation, raking, etc.

No. 17 Planet Jr. Single Wheel Hoe—Price, \$7.75

This is exactly the same machine as the No. 16 except that it does not have the leaf guards or the rakes. It is the most popular single wheel cultivator for home garden use.

No. 17½ Planet Jr. Single Wheel Hoe—\$6.75

Same as the No. 17 less the plow.

No. 18 Planet Jr. Single Wheel Hoe—\$5.75

Same as the No. 17½ less the cultivator teeth. Used extensively by market gardeners.

No. 119 Planet Jr. Garden Plow

A complete low-priced all-around Garden Plow. 24-inch Steel Wheel, $1\frac{1}{4}$ -inch rim. Light, easy running and does fine work. Can be used for weeding, cultivating, furrowing, hilling, etc.

Price, \$3.70



No. 119W
Planet Jr.
Garden Plow,
\$3.85

Same as No. 119 but with a 5-prong forged spring steel weeder attachment in place of the reversible scuffle blade.

No. 4 Planet Jr. Combined Seeder and Single Wheel Hoe

Price, \$18.75



A combination of the most useful tools for a moderate sized garden. Plants almost all vegetable seeds in continuous rows or in hills 4, 6, 8, 12 or 24 inches apart. An adjustable plow opens a straight, narrow furrow, the seeds are dropped in it, are covered and the soil firmed and the next row marked out all in the same operation. Converted into a single wheel hoe by changing one bolt. Cultivating equipment includes all the essential equipment for hoeing, weeding, cultivating, plowing, furrowing, ridging, etc. The tools are oil hardened and tempered and will wear almost indefinitely.

No. 4D Planet Jr. Seeder—\$14.75

Exactly the same as the No. 4 above but without the cultivating attachments.

No. 25 Planet Jr. Combined Seeder, Double and Single Wheel Hoe. Not shown. Price, \$22.50.

No. 3 Seeder. Similar to No. 25 but used for seeding only. \$18.00. No. 5 Seeder. Same as No. 3 but with a 5-quart hopper and larger driving wheel. \$19.75.

No. 300A Planet Jr. Seeder

Price, \$20.00

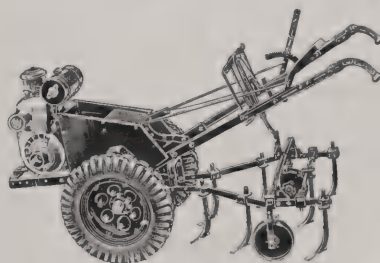


The No. 300A is rapidly becoming the most popular seeder for market gardeners. It is a plate seeder, having three seeding plates, each with 13 holes, giving ample adjustment for any size seed. Adjustments quickly and easily made. Hopper removable. Many exclusive features combine to make the No. 300A easy running, dependable and accurate. For use on ordinary soil.

No. 300 Planet Jr. Seeder—\$20.00

No. 300 Seeder, same as No. 300A but with flat roller wheel 11 inches in diameter for use on muck soil and sandy soil.

HT Planet Jr. Walking Tractor



The Planet Jr. Tractor pays for itself in many ways. Primarily it either takes the place of several men or one horse, and it doesn't have to be fed and cared for when it is not working.

For the general farmer, or the market gardener—the part time gardener or the large home gardener—the nurseryman or the florist. The Planet

Jr. Tractor with its varied equipment is designed for all of them, and with it goes the great advantage of Planet Jr.'s long experience in building the best planting and tillage tools.

Plowing, harrowing, cultivating, fertilizing, mowing, hauling, sowing, and many other light power jobs are the things which Planet Jr. will do. Cultivating is the most important because it is an all-season job. Planet Jr. equipment includes every type of cultivator whether for narrow or wide rows, small or large crops or one or more rows at a time. Most soil conditions and crop requirements can be met with Planet Jr. equipment and with our patented tool control, fast, thorough cultivation is not only possible but surprisingly easy. Prices and complete information on request.

Planet Jr. Farm and Garden Tools

No. 10 Planet Jr. Horse Hoe and Cultivator

Price, \$14.25



A sturdy and carefully constructed tool with features appealing to every farmer. It is light, easily and instantly adjustable for width, will cultivate perfectly and is strong enough to stand incredible strain. Handles are adjustable up and down and sidewise—especially useful in berries. Cultivator steels are beveled and especially hardened and tempered—assuring that they will be long wearing and constantly sharp.

No. 8 Horse Hoe \$16.00

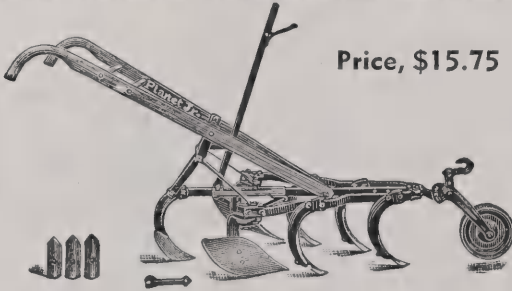
Same as No. 9 but with the addition of a lever wheel and depth regulator.

No. 7 Horse Hoe \$15.00

Same as No. 8 less the depth regulator.

No. 82 Planet Jr. Horse Hoe and Cultivator

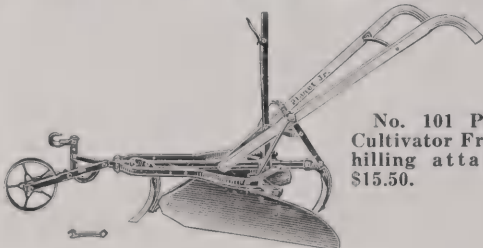
Price, \$15.75



A very popular machine because of the large amount and great variety of work that can be done with it. Finishes rows up to 42 inches apart and works the middle complete at one passage. Zig-zag frame is particularly strong and the seven teeth insure fine and thorough cultivation. In addition to regular equipment other widths of cultivator teeth, sweeps, furrowers and turning shovels can be added.

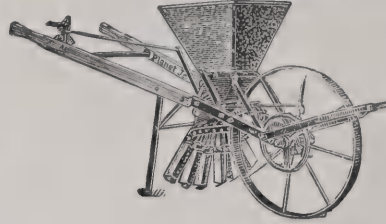
No. 91 Planet Jr. Harrow Price, \$12.50

This tool has become a special favorite with strawberry, tobacco and sugar beet growers, market gardeners, truckers and farmers, because of the fine work of the chisel-shaped teeth. Cultivates any width from 12 to 32 inches. Handles adjust up, down and sidewise—a great advantage in blackberries, raspberries, etc.



No. 101 Planet Jr. Cultivator Frame with hilling attachment. \$15.50.

No. 220 Planet Jr. Fertilizer Distributor Price, \$28.75



Capacity 1 bushel. Will distribute from 200 to 2000 pounds of commercial fertilizer to the acre. Six adjustable spouts spread it from 4 to 30 inches. Equipment includes plates for closing up four spouts or two or three spouts on either left or right side. Hopper placed

well forward over wheel making light load and easier pushing. Feed can be opened and closed without stopping. Positive agitation.

No. 219 Fertilizer Drill

Used for side-dressing. Distributes accurately regulated quantities of any dry commercial fertilizer in furrows alongside the row. Hopper quickly removable to use machine as a cultivator. The covers are not regular equipment but are a desirable attachment.

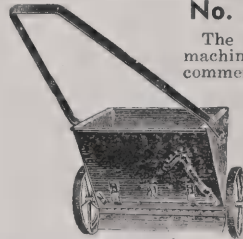
Price: Planet Jr. No. 219....\$9.95

No. 8558X Covers.... .70



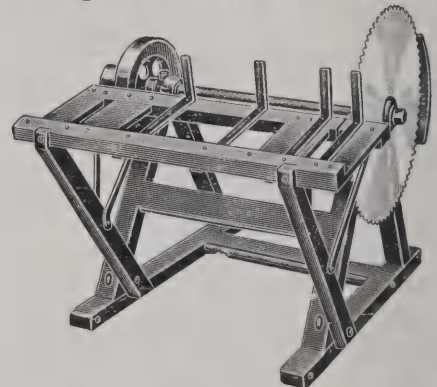
No. 210 Fertilizer Distributor

The Planet Jr. No. 210 is an inexpensive machine for spreading plant food or dry commercial fertilizer on lawns. The quantity of fertilizer can be accurately regulated and directions are furnished indicating the quantity of material sown through the different size openings. Spreads the materials far easier and quicker than doing it by hand and also more smoothly and evenly than is possible with any other method. It is 14 inches wide and holds from 25 to 30 pounds of fertilizer. Also very good for sowing grass seed. Price, \$6.75.



Price, \$6.75.

Tilting Table Wood and Pole Saw



An excellent high type of saw, made of good material throughout and built sturdy. The arbors are of steel, the bearings long and well babbitted. The balance wheels are heavy and well balanced. This machine is finished in an attractive manner, with tilting table pivoted so that it balances perfectly. A great favorite with the Sawyer. Weight 275 lbs.

BUCH'S No. 5 Tilting Table Wood Saw Frame with 65-lb. Balance Wheel, Less Saw\$26.50

WOOD SAWS, 1 1/2-INCH ARBOR

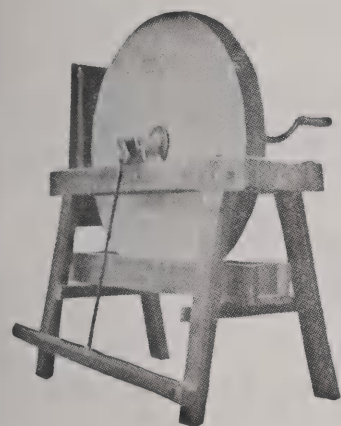
20 inch	\$3.95	26 inch	\$5.65
22 inch	4.50	28 inch	6.35
24 inch	5.25	30 inch	7.25

Tractor Saw Frames with Belt and 30-Inch Saw. Price \$50.00 each. 5% for cash. Specify make of tractor.

Farm and Garden Equipment

McCormick-Deering Type LA Gasoline Engines

1½ to 2½ and 3 to 5 Horse Power.
1½ to 2½ Horse Power. Weight 175 lbs. \$ 73.50
3 to 5 Horse Power. Weight 260 lbs. 106.50
5% discount for cash.



Hecla Wood Frame Mounted Grind- stone

The stones in these are best Nova Scotia Grit, mounted on heavy hardwood frame. It pays to buy a good article.

24x2 \$21.50
24x3 26.25
26x2½ 26.50
26x3 28.50

Victor Tubular Steel Frame Grindstone

With Foot-Treadle and Seat.

Adjustable seat, 4 to 5 inches, vertically. Stone movable forward and back on frame. Frame being slightly flexible, it adjusts itself to uneven floors or surfaces. Rigid and easily set up. Bi-treadle with power properly applied. Hinged connection with ball-bearings on crank. Ball-bearings in journals. Frame is narrow at top, making it convenient to apply power, and spread at base, giving greater rigidity. Crated complete, stone protected. Made in one size, about 100-lb. stone. Price, \$10.75.

Wilcox Mounted Grindstone

No. 1. About 100 lbs. \$ 9.95
No. 2. About 120 lbs. 10.75
No. 3. About 135 lbs. 11.75

McCormick-Deering Ensilage Cutter

Carefully designed and constructed to cut large quantities of ensilage with a minimum of power requirements. The cutting knives are secured on the flywheel. This design assures safety at all working speeds. No. 12E, Mounted, \$365.00. 5% discount for cash.

On skids, F \$198.00. 5% discount for cash.

Mounted, F \$223.25. 5% discount for cash.

Complete with 30-ft. pipe.

The McCormick-Deering Corn Binder

This Corn Binder picks up down and entangled corn. There is bound to be some down corn in practically every cornfield. It cuts and binds into even-sized bundles. Equipped with elevator chains to pick up down corn. No waste and you always get a neat job when you use the McCormick-Deering. Ask for price.



*"Harder Silo-
The Bulwark of
the Paying Dairy"*

Harder Silos

For many years Ross Bros. Co. has represented Harder Silo Co. in Worcester County. We solicit your silo inquiries.

Binder Twine

Put up six balls to bale.
Market price.

Blizzard Cutters

Can be operated successfully with a small amount of power.

No.	Dimensions of Throat		Capacity		H.P.	Speed	Weight
	Inches	Tons	Tons	H.P.			
No. 400.	11x5½	7-14	7-14	800 r.p.m.	1500		
No. 560.	13x6	10-20	10-20	750 r.p.m.	1750		

Complete with 30-ft. pipe.

Price on application.

Red Warrior Heavy Service Belting

Developed from long continued tests and experiments under severest conditions. The body is of 32-oz. closely woven duck with a 22-lb. friction binder.

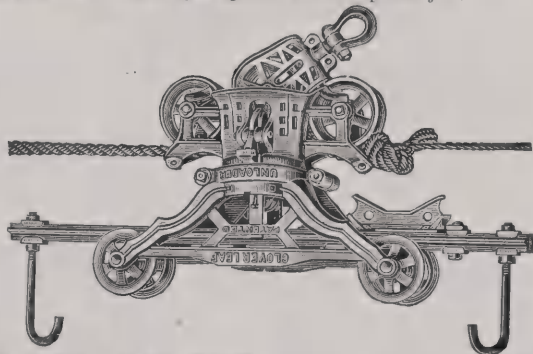
PRICE:

4 inches	4-ply	32c per foot
5 inches	4-ply	37c per foot
6 inches	4-ply	45c per foot

Horse Hay Fork Fixtures

No Barn is Complete Without One of These
Reversible Steel Track Hay Carriers.

These carriers for rod, wood or steel track are the most durable and easiest rigs to operate of any on the market. Anyone with a hammer and wrench can rig his barn as well as an expert carpenter. We furnish everything necessary for rigging any style of barn. If you will send us the length and height of your barn and style of ridge pole, we will name you price for complete job.



Double Steel Track. Per ft	\$ 0.26
No. 302. Hanger Hook. Each	.20
No. 266. Pulley Hook. ¾ inch. Each	.19
No. 118. Hay Unloader. Each	12.50
No. 1120. Knot Passing Pulley. Each	1.00
No. 268. Two-Tine Harpoon. 25-in. Each	3.25
No. 1314. Two-Tine Harpoon Fork. 31-in. Each	3.75
No. 3004. Four-Tine Grapple Fork	12.00
No. 3005. Six-Tine Grapple Fork	13.50
No. 301. Rafter Bracket. Each	.06
No. 303. Jointed Hanger Hooks. Each	.27½

True Temper Three-Tine Hay Forks

TUBULAR FERRULE

No. 0133½B. 3½ ft.	\$1.65
No. 0134B. 4 ft.	1.65
No. 0134½B. 4½ ft.	1.75
No. 0135B. 5 ft.	1.85
No. P034B. Strapped. Panther Brand. 4 ft.	1.00
No. P034½B. Strapped. Panther Brand. 4½ ft.	1.15

Lightning Hay Knife

Each, \$2.00.

Columbian Pure Manila Rope

	1 lb. Equals	Price per Lb.
¼ inch	50 feet	\$0.32
⅜ inch	24 feet 5 inches	.31
½ inch	13 feet 4 inches	.29
⅝ inch	7 feet 6 inches	.28½
¾ inch	6 feet	.28
1 inch	3 feet 9 inches	.28

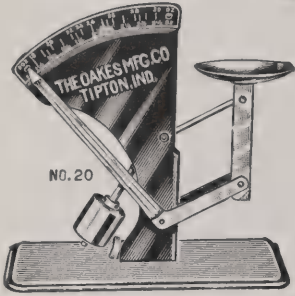
Full coils less 3c per pound.

Tarred Lath Yarn

In coils of about 50 lbs. wound in rope form. Each rope contains 130 ends. Per lb., 18c. Cut per lb., 22c.

Ross Poultry Supplies

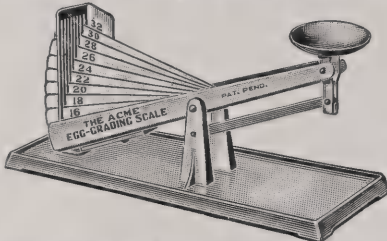
Oakes Egg Scale



A real egg scale—accurate, dependable and fast.

No. 20S Egg Scale, with adjustable stop. Mailing weight 1 lbs. \$1.45 each.

The Acme Egg-Grading Scale



Is made entirely of aluminum, which makes it rust-proof and practically indestructible. Every part is accurately made and carefully tested and will meet the requirements of any state bureau of weights and measures.

No. 1 Grades 16 to 30 ounces
No. 3 Grades 19 to 30 ounces
Price, \$2.50, postpaid

CEL-O-GLASS

CEL-O-GLASS is made in rolls, 1 yard wide and can be cut to any required size and installed with staples and a hammer. Construction on frames is advised for all installations. Price: Postpaid, 15c per sq. ft. By express, 25, 50, 100-ft. rolls, 13½c per sq. ft.

Warps Window Materials

Health Giving Ultra Violet Rays (Sunshine Vitamin "D") pass through Warps Window Materials.
GENUINE FLEX-O-GLASS, 36 in. wide, 100-yd. roll, \$25.00;
50-yd. roll, \$12.50; 25-yd. roll, \$6.25. Cut price, 27c yard.
WARPS WINDOW FABRIC, 36 in. wide, 100-yd. roll, \$18.00;
50-yd. roll, \$9.00; 25-yd. roll, \$4.50. Cut price, 20c yd.
WARPS GLASS-O-NET, 36 in. wide, 50-yd. rolls, \$25.00; 25-yd. rolls, \$12.50; 15-yd. roll, \$7.50. Cut price, 55c yd. Samples gladly sent upon request.



Oakes Round Pan Snap-On Founts

An inexpensive fount for the brooder house. Ideal for chicks up to 8 weeks.

Made in two sizes

No. 81, 1 gal. Mailing wt., 4 lbs. \$0.65
No. 82, 2-gal. Mailing wt., 5 lbs.83

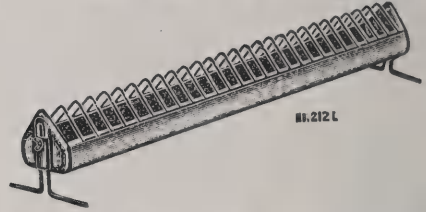
Oakes Revolving Chimney Cap

Perfectly balanced. Revolves with slightest change in wind direction.

No. 84C, 4 inch \$0.50
No. 85C, 5 inch55
No. 86C, 6 inch60
Mailing weight 2 lbs.

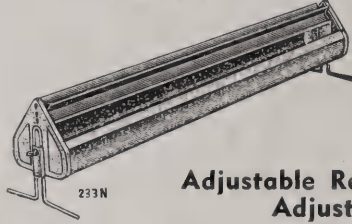


Oakes Wire Grill Feeder with Adjustable Legs



No. 212L, 2 ft. Mailing weight 4 lbs. \$0.70
No. 213L, 3 ft. Mailing weight 5 lbs.90
No. 214L, 4 ft. Mailing weight 7 lbs. 1.10

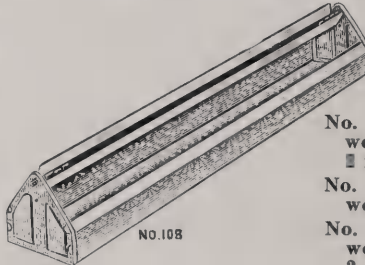
Oakes New Gro-Fast Feeder



Adjustable Revolving Reel and Adjustable Stand

No. 233N, 36 inch. Mailing weight 6 lbs. \$0.88
No. 234N, 48 inch. Mailing weight 8 lbs. 1.08

Oakes Utility Chick Troughs



Metal "Z" reel, adjustable to two positions. A big value.

No. 107, 12 in. Mailing weight 2 lbs. Price, 18c; 2 for 35c.
No. 108, 24 in. Mailing weight 3 lbs. Price, 27c.
No. 109, 36 in. Mailing weight 4 lbs. Price 38c; 2 for 75c.

Aluminized Metal Egg Crate FOR PARCEL POST

	Price
1-dozen size—all eggs, 1½ pounds	\$1.00
2-dozen size—all eggs, 3 pounds	1.25
3-dozen size—all eggs, 4 pounds	1.50
4-dozen size—all eggs, 5 pounds	1.75
6-dozen size—all eggs, 6 pounds	2.00
9-dozen size—all eggs, 8 pounds	2.50
12-dozen size—all eggs, 10 pounds	3.00



Husky Day Old Chicks

Guaranteed safe arrival when shipped direct from the hatchery.

We are sure that if you order your chicks from us you will be well satisfied.

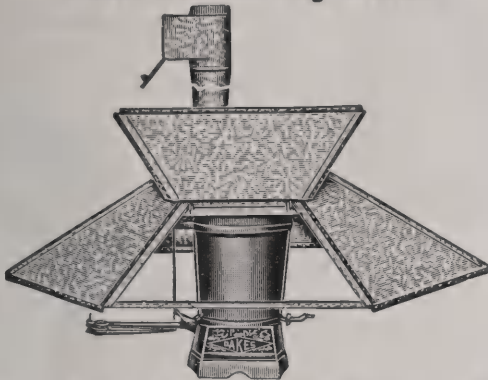
"Winner" Chick Trough



One Piece—Die Stamped
104-A, 12 inches. Mailing weight 2 lbs. \$0.15
105-A, 18 inches. Mailing weight 3 lbs.20
106-A, 24 inches. Mailing weight 4 lbs.25

Ross' Poultry Supplies

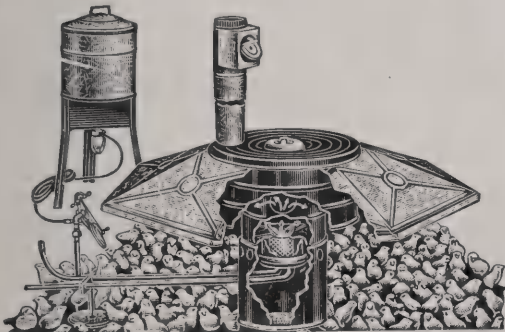
Oakes Coal Burning Brooder



Red Oakes Brooders are noted for fuel economy, performance and long life. We recommend Oakes Brooders. Regardless of first cost, this stove will be most inexpensive over a period of years.

Model	Canopy	Chick Capacity	Coal Capacity	Weight	Price
No. X54	54 in.	750	40 lbs.	113 lbs.	\$18.45
No. X62	62 in.	1040	52 lbs.	135 lbs.	21.50
No. X162	62 in.	1200	72 lbs.	165 lbs.	25.00

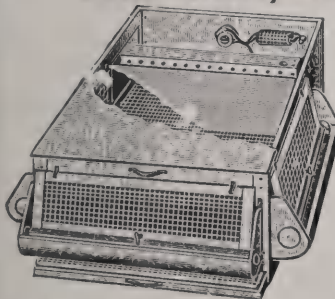
Oakes New DeLuxe No-Cold Oil Brooder



Maximum Safety—Low Cost

No. 548—Canopy 42-inch, capacity 500	\$17.10
No. 560—Canopy 52-inch, capacity 750	18.20
No. 361—Fuel Tank Stand	.75

Oakes "Gro-Ezy" Electric Brooder



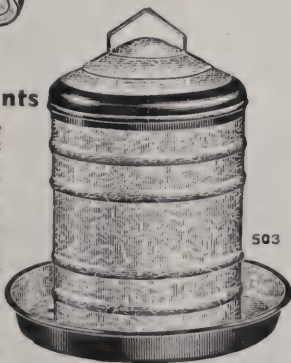
Gro-Ezy Brooders are made entirely of metal; easy to clean. Has guaranteed heater, 110-volt AC automatic thermostat, troughs and drop cord.

No. 801. Single unit, shipping weight 42 lbs., \$9.95.

Oakes New Thrifty Founts

Double wall founts of 26 gauge galvanized steel. Smooth edged pan. Die stamped non-roosting top. Handle for carrying. Operates on vacuum principle. Water always correct level without overflowing. Inner can spot welded and soldered to pan.

No. 501½. 1½-gal. cap. Mailing weight 5 lbs. Price, 98c.
No. 503. 3-gal. cap. Mailing weight 7 lbs. Price, \$1.70.
No. 505. 5-gal. cap. Mailing weight 11 lbs. Price, \$2.26.



Oakes Square Bottom Chick Troughs Do Not Have Adjustable Legs



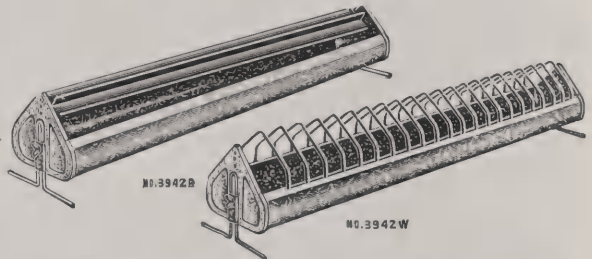
No. 342

With Metal "Z" Reel

Revolving metal reel prevents chicks roosting or getting into trough.

No. 342. Length 2 ft. Mailing weight 3 lbs.	\$0.40
No. 343. Length 3 ft. Mailing weight 4 lbs.	.55
No. 344. Length 4 ft. Mailing weight 5 lbs.	.75

Oakes Broiler Feeder



No. 3942R

No. 3942W

Streamline Troughs for chicks over 4 weeks to pullet size. Adjustable legs. Turned flange along edge prevents feed waste. Rounded sides and bottom edges prevents feed clogging and becoming stale. Heavy gauge steel. Width 6¼ in., depth 3 in., length 42 in. Capacity 15 quarts of feed.

No. 3942R. Rev. reel. Weight 10 lbs.	\$1.15
No. 3942W. Wire grill. 1¼ in. spacing	1.25
NEW 48-INCH FEEDERS (AS ABOVE) CAPACITY 18 QTS.	
No. 3948R. Rev. reel. Weight 10 lbs.	\$1.30
No. 3948W. Wire grill	1.40

Oakes Adjustable Roof Saddle

Pipes and caps as shown.

No. 142. For 4-inch pipe. Mailing weight 5 lbs. \$1.35.

No. 143. For 5-inch pipe. Mailing weight 6 lbs. \$1.50.

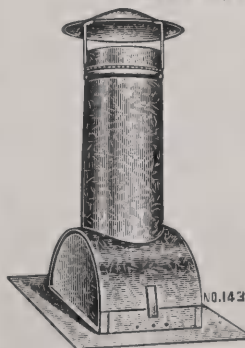
No. 1436. For 6-inch pipe. Mailing weight 8 lbs. \$2.10.

Oakes Revolving Cap shown on page 78.

No. 142C. 4-inch pipe cap. 20c each.

No. 143C. 5-inch pipe cap. 25c each.

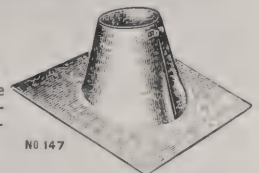
No. 1436C. 6-inch pipe cap. 30c each.



No. 143

Oakes Roof Flange

No. 147. For any 5-inch pipe, base 14¼ inches square, properly designed to make waterproof. Mailing weight 5 lbs. Price, \$1.00.



No. 147

Newtown Coal Brooders

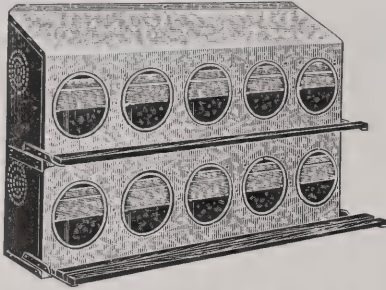
No. 11. Capacity, 500 chicks; diameter of hover, 50 inches; shipping weight, 202 lbs. Price, \$29.50.
No. 12. Capacity, 1000 chicks; diameter of hover, 56 inches; shipping weight, 306 lbs. Price, \$39.50.

Buckeye Coal Burning Brooder

Model No. 118-B. 54-inch diameter	\$19.50
Model No. 119-B. 62-inch diameter	23.00
Model No. 120-B. 62-inch diameter	26.50

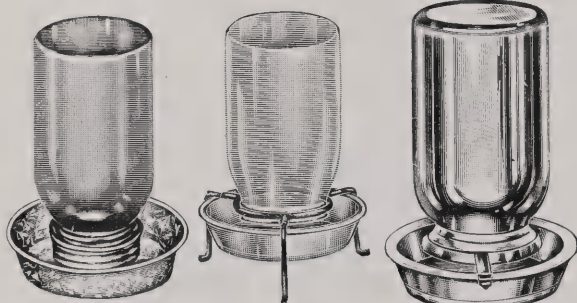
Ross' Poultry Supplies

Oakes All Metal Lice-Proof Nests

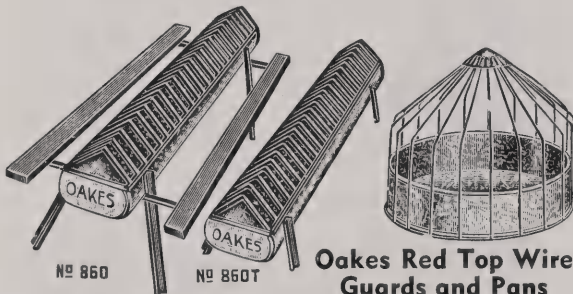


All-metal lice-proof nests. They offer no hiding places for lice. A steep sloping roof keeps the hens from roosting on top. There should be a nest for every five hens.

No. 576—6-hole nest, only	\$ 5.60
Shipping weight 30 lbs.	
No. 580—10-hole nest, only	7.80
Shipping weight 50 lbs.	
No. 585—15-hole nest, only	11.00
Shipping weight 68 lbs.	
Traps extra. No. 590 Traps only for above. 5 in carton.	
Set of 5	1.40
Trap Nest Founts, No. 59R. 50c ea h; doz.	5.60



No. 69G	No. 1365G	No. 365G
No. 69G—Mason Jr. Waterer. Galvanized pan. Mailing weight, per doz., 5 lbs. 10c each; doz.		
		\$0.95
No. 1365G—Green Glass Pan Fount with high leg stand. Mailing weight, per doz., 10 lbs. 15c each; doz.		1.50
No. 365G—Green Glass Pan Fount with metal clip. Mailing weight, per doz., 10 lbs. 10c each; doz.		1.00



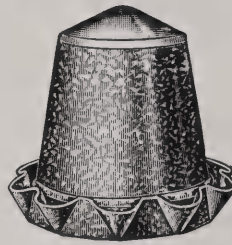
Oakes Red Top Wire Guards and Pans

Oakes Floor and Stand Type Flock Feeders

No. 860T—Adjustable Legs. 5-ft. Cap. 4½ pks.	\$2.65
No. 896T—Adjustable Legs. 8-ft. Cap. 7 pks.	\$3.75
No. 860—5-ft. Cap. 4½ pks.	3.60
No. 896—8-ft. Cap. 7 pks.	4.90
No. 617—Wire Guard. Diameter 17 inches	.55
No. 6171—New One-piece Feed or Water Pan	.40

Oakes Sani-Flow Mason Jar Fount

No. 64, Oakes Mason Jar Fount. Sani-Flow all glass pan fits into neck of any size Mason jar. Operates on vacuum principle. No clips, easy to clean. Mailing weight, per doz., 15 lbs. 10c each; \$1.00 per doz.

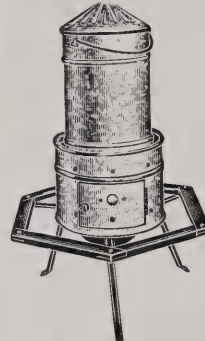
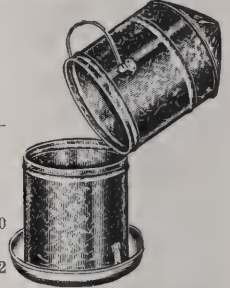


Oakes Double Wall E-Z Fill Fountain

No. 31—3-gal. size. Mailing weight 10 lbs.	\$1.98.
No. 235—5-gal. size. Mailing weight 12 lbs.	\$2.80.

Oakes Two-Piece Chick Fountains

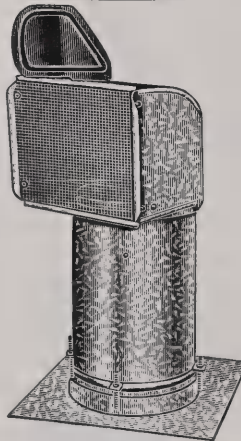
No. 78—1-qt.	\$0.30
No. 79—2-qt.	.35
No. 77—4-qt.	.50
Mailing weight, 2 lbs.	



Oakes Acorn Waterer

With Removable Drinking Pan Float Valve—Top Filled

No. 405—5-gal. cap. fount only	\$3.25 each.
No. 408—8-gal. cap. fount only	\$3.50 each.
No. 43—Heater for either of above.	\$2.25 each.
No. 197S—Stand for either of above.	\$1.75 each.
No. 42—Heater for No. 503 or No. 31 Fount.	\$1.85 each.



Oakes Monitor Type Ventilator

Adjustable base to fit any pitch roof.

No. 1530—Shipping weight 33 lbs.	\$6.45.
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Oakes Sturdy-Boy Wafer Thermostats

No. 416W. 3-inch double brass wafer for all coal brooders, many oil brooders and incubators. 28c each.

No. 16W. 3-inch double brass wafer for oil brooders, screw stud. 30c each.

Add 5c for postage.

No. 1265. Oakes Brooder Thermometer	\$0.35
No. 1012. Wilder Incubator Thermometer	.75
Add 5c for postage.	

Celluloid Bands

Assorted Colors

	Doz.	100	1000
No. 4. Baby Chick	\$0.10	\$0.35	\$2.40
No. 5. Pigeon	.10	.35	2.50
No. 6. Growing Chicks	.15	.40	3.00
No. 7. Bantams	.15	.45	3.50
No. 9. Leghorns	.15	.50	4.00
No. 10. Wyandottes	.15	.50	4.25
No. 11. Rocks, Reds	.15	.60	5.00
No. 12. Jersey Giants, Brahmas	.15	.75	5.50
No. 13. Large Cocks, Turkeys	.15	.75	6.00
Postpaid.			

Champion Leg Bands

Numbered 1 to 100. Price, 75c, postpaid.

Trumbull Poultry Water Warmer. Automatic; electric, keeps drinking water at 50 degrees even in sub-zero weather. Use in open pans and fountains. No danger of electric shock and no fire hazard. Price, \$3.00 each, postpaid.

Poultry Remedies and Supplies

Conkey's Poultry Remedies

OLD RELIABLE POWDER (formerly Roup Remedy). A preventative and treatment for colds, roup, mycosis and coccidiosis. Easily given in the drinking water. Keep it on hand ALWAYS for use in emergency. Put in drinking water on cold, rainy days. We think this is easily the best poultry remedy on the market. Satisfaction guaranteed. Prices: 1-oz. pkg., 25c; 2½-oz. pkg., 50c; 7-oz. pkg., \$1.00; 1½-lb. pkg., \$2.35, all postpaid.

DIATABS (formerly White Diarrhea Remedy). **ASTRINGENT**—ANTISEPTIC with tonic effects. DISSOLVES almost instantly. Disinfects drinking water, yet stimulates consumption. An aid in preventing, and a treatment for so-called diarrhea. War-wanted to give complete satisfaction. **YOU TO BE THE SOLE JUDGE.** Very effective in aiding egg yolk absorption and prevention of pasting of vent. Satisfaction guaranteed. 25-tablet pkg., 25c; 125-tablet pkg., \$1.00, all postpaid.

WORM POWDER. (A combination of Nicotine and Kamala.) Contains elements universally accepted as treatment for all varieties of worms. **A FLOCK TREATMENT FOR INTES-TINAL PARASITES.** Ask us about it and its guarantee. 4-oz. pkg., 30c size, enough to mix with 25 lbs. mash; 1-lb. pkg., \$1.00 size, is sufficient for 100 lbs. of mash. Postpaid.

LICE POWDER. For all varieties of lice which live on poultry or livestock. Very effective in dust baths for poultry. Not necessary to handle birds. Very economical. Satisfaction guaranteed. 12-oz. size pkg., 25c; 6-lb. size, \$1.50, postpaid.

POULTRY TONIC. An all-medicine (no filler) aid in egg production. Excellent during and after moulting. See directions. Satisfaction guaranteed. 1½-lb. pkg., 25c; 3¼-lb. pkg., 50c, postpaid.

PC-END BITTERS. An aid in discouraging toe, wind, vent picking and cannibalism, antiseptic and healing. Very economical. Satisfaction guaranteed. 2¼-oz. jar, 25c, postpaid.

Gold Leaf Tobacco Powder for Poultry Worms

The failure of young birds to develop properly and an unhealthy condition of the older birds, is often caused by the presence in their intestines of poultry round worms.

2-lb. pkg. Mixes with 100 lbs. of mash\$0.25
10-lb. pkg. Mixes with 500 lbs. of mash85

"Black Leaf" Worm Powder

An odorless, tasteless dry compound containing nicotine that remains insoluble in the mouth, throat, crop and gizzard, hence non-toxic to poultry.

"Black Leaf" worm powder is easily fed in mash. The dose is ¼ pound, mixed in gallon of mash, for 100 birds. 4-oz. pkg., 75c; 1½-lb. pkg., \$3.00; 3-lb. pkg., \$5.60.

"Black Leaf" Worm Pellets

100 pellets, 85c; 500 pellets, \$3.25; 1000 pellets, \$6.00.

Ful-O-Pep Poultry Feeds

Ful-O-Pep Poultry Feeds are manufactured by the Quaker Oats Co., whose many years' milling experience insures production of superior poultry feeds. See us for your Ful-O-Pep Poultry Feeds. Sold always at market prices.

Earthen Pigeon Bowl

Each, 20c; per doz., \$2.00. Weight, each, 4 lbs.

Imported Ground Peat for Poultry

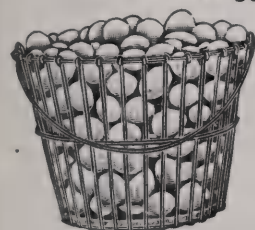
Takes up moisture, prevents spread of disease and is superior to shavings or sawdust. Standard bale. Market price.

Water Glass

This preparation is used by many in preference to the dry powder. The preservative will preserve eggs perfectly.

Price: 1 pt. (weight 3 lbs.), 18c; 1 qt. (weight 4 lbs.), 25c; 1 gal. (weight 14 lbs.), 85c.

Oakes Egg Cooling Basket



Clean, fresh eggs always bring premium prices. Quick cooling preserves the flavor. Side stays No. 10, round stays No. 6 galvanized wire. Perforated metal bottom adds rigidity and prevents egg breakage. Capacity 15 dozen 26-ounce eggs. Wire does not mark the eggs.

No. 15. Mailing weight 5 lbs. 90c each; \$9.00 per dozen.

Pratt's Poultry Remedies

POULTRY REGULATOR. Tones up system, regulates bowels, aids digestion, sharpens appetite, wards off disease and increases vitality. Use it the year round for breeders, layers and growing stock. 4-lb. pkg., 50c; 12½-lb. pkg., \$1.60; 25-lb. pail, \$2.85.

POWDERED LICE KILLER. Is powerful, economical, non-poisonous and non-irritating. For use on poultry, in dustbaths, nests, on dogs, cats, horses, cattle, hogs, and sheep. In sifter top cans at 30c and 60c. 35c and 65c, postpaid.

CHICK TABLETS. Makes the drinking water safe, tones up the chicks and effectively treats most diarrhoea troubles. Prices: 30c and 60c. Postpaid, 35c and 65c.

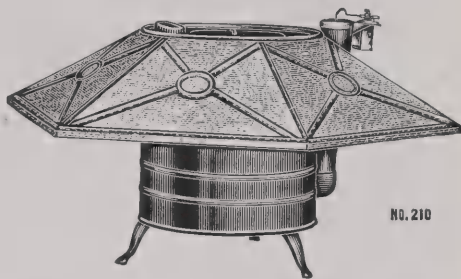
R-P TABLETS. (Formerly Pratt's Roup Tablets). For Adult Fowls. Price: 25c and 50c. Postpaid, 30c and 55c.

DISINFECTANT. Cheap, powerful, non-poisonous disinfectant. Quart, weight 3 lbs., 50c; Gallon, weight 11 lbs., \$1.45.

PRATT'S N-K TABLETS. For eradication of tape and round worms in poultry. Adult size, 50 tablets, 85c; 100 tablets, \$1.50; 500 tablets, \$5.50. Chick size, 50 tablets, 55c; 100 tablets, \$1.00.

DR. HESS POULTRY PAN-A-MIN is of high value to moulting hens, in egg production, in reducing chick mortality, in bone and feather growth, and in maintaining health. 1½ lbs., 25c; 3 lbs., 45c; 7 lbs., 95c; 15 lbs., \$1.90; 25 lbs., \$2.85.

Oakes Dixie Wood Brooder Stove



No. 210

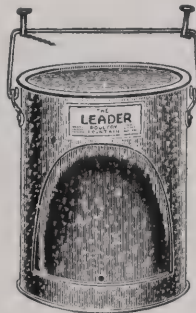
Enjoy low cost brooding this year and increase your profits. Thermo-stat control. Big stove body 22½ in. diameter; 23 in. high, over-all ht. 28½ in. Chimney 5 inches. Fuel capacity 5 cu. ft.; wood up to 20 inches long. Complete with canopy. No. 210. Price, \$15.00.

Oakes Float Valve Fountain

Single wall, top filled fountain. Drinking pan, 13¼ in. diameter. Tank and pan hold 13 quarts. Mailing weight 6 lbs. No. 414. Price, \$1.95.



No. 414

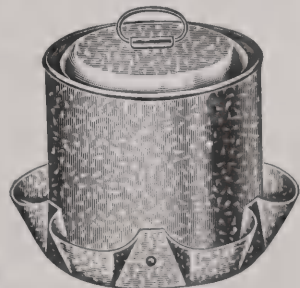


Felker's Leader Fountain

A new Sanitary Fountain, practical to use, easy to keep clean.

1½ gals. Mailing weight 5 lbs. Price, 85c.

3 gals. Mailing weight 3 lbs. Price, \$1.50. Not shown (has two openings).



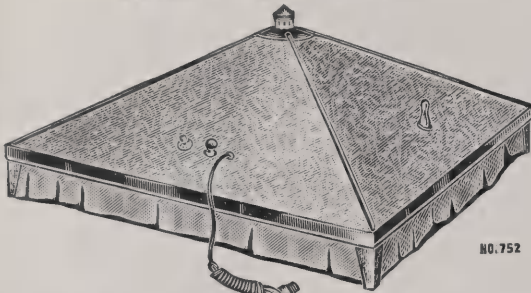
Oakes Snap-On Chick Waterer

No. 100-B. 1 gal. Mailing weight 4 lbs. Price, 53c.

No. 100-C. 2 gals. Mailing weight 5 lbs. Price, 75c.

Poultry Remedies and Supplies

Oakes Electric Brooders



No. 752. 52x52 Canopy. Capacity 350 to 385 chicks.\$20.40
 No. 750. Fan type 24.50
 No. 751. Fan type 48x72 Canopy. Capacity 500 chicks..... 37.50

Oaks New Streamlined Feeder with Legs



A Streamlined Feeder with 4-blade adjustment reel. Heavy gauge galvanized steel trough 4 inches wide and 2 inches deep. Flange along edge prevents feed waste. Equipped with adjustable legs. Troughs "grow up with chicks." For day-old to 8-weeks.

No. 424. Length 24 inches. Mailing weight 3 lbs.\$0.58
 No. 436. Length 36 inches. Mailing weight 4 lbs.69
 No. 448. Length 48 inches. Mailing weight 5 lbs.85

Pikguards

Pikguards are metal devices easily and quickly attached to the beaks of fowls, four months or older, making it impossible to pick. Pikguards prevent losses from cannibalism, fighting, and domineering, mash hopper waste. Packed 100 to a box. Price, \$3.00 per 100; \$28.00 per 1000. Charges prepaid. Ask for descriptive circular.



B-K Powder—Poultry Disinfectant

B-K Powder is a powerful, quick-acting hypochlorite powder. It contains 50% available chlorine and is used either direct by adding to water or by preparing a stock solution and adding this to water. It is used as an aid in preventing the spread of diseases by contaminated equipment and drinking water. When used as directed its solutions are non-poisonous.

B-K Powder is used as a dry expectorant dust. It is applied by means of a dust gun over the heads of baby chicks and adult birds infected with colds, simple bronchitis and infectious bronchitis.

1½-lb. bottle B-K Powder, \$1.50; postpaid, \$1.60.

9-1/3-oz. bottle B-K Powder, 75c; postpaid, 85c.

B-K Liquid—Poultry Disinfectant

B-K Liquid is a powerful quick-acting hypochlorite solution which is diluted with water and used according to directions. It is used as an aid in preventing the spread of diseases by contaminated equipment and drinking water. It has won a wide acceptance by the poultry industry and has the endorsement of many leading poultryologists. It is not only a powerful disinfectant, but also a deodorant.

1-qt. bottle\$0.90
 1-gal. jugs 2.00
 5-gal. jugs 8.50

Carbola Paints and also Disinfects

Carbola is a white paint and powerful disinfectant combined in powder form. Easily and quickly applied to building interiors with brush or spray pump. Disinfects and dries pure white. One pound covers 100 sq. ft.

5 pounds (5 gals.)\$0.60
 10 pounds (10 gals.)98
 25 pounds (25 gals.) 1.90
 50 pounds (50 gals.) 3.50

Clinton Pigeon Feed

Market Price.

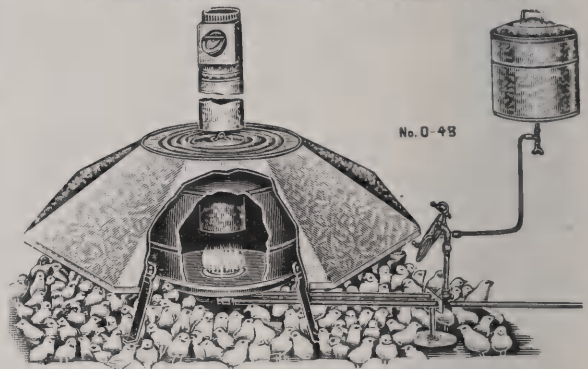
Crushed Oyster Shell

Poultry Grit

Made from clean, thoroughly dried grains. Mixed with or without corn.

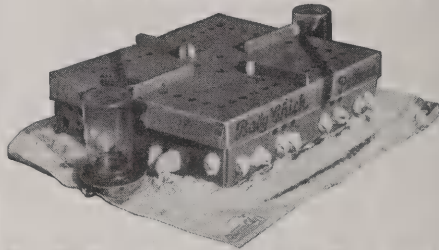
For poultry or chicks. 100 lbs., \$1.10.
 Cracked in three sizes: No. 1, fine; No. 2, medium; No. 3, coarse. 100 lbs., \$1.00.

Oakes Little Giant Oil Brooder Stove



For poultrymen who brood up to 300 chicks. Hexagonal canopy. Diameter 48 inches. Fuel tank capacity 7 gallons. Easy to adjust. Automatic control; same regulator as used on other Oakes stoves. No. 0-48. Price, \$13.60.

Anderson Stickless Pullman Boxes



No sticks, no nails, no glue, better ventilation. This stickless Feed - O - Box does the same work as a regular chick box and in addition it acts as a starting brooder for the chicks on arrival.

No. ST100. (100-chick size.) 22x18x5½ in., weight 215 lbs. per 10 boxes. Packed 30 in bundle. 120 boxes or over, 16½¢ each. Bundle lots, 18¢ each. U-staples extra, \$1.25 per 1000, 15¢ per 100. By express or freight only.

3x4 Chip Egg Boxes—Handy for Retail Trade

	Weight	Price
Dozen	2 lbs.	\$0.15
Bundle of 125	12 lbs.	1.00

Ask for prices in larger quantities.

Graylawn Farm Louse-Chase

Kills every louse at trifling cost. 5-oz. can., 40c; 12-oz. can., 65c; 22-oz. can., \$1.00.



National
Eezy Wear
 Garden Gloves

PROTECT YOUR HANDS

with these

SOFT LEATHER GLOVES

Specially designed to give you everything you want in a garden glove.

All-Leather	DIRT-PROOF	Durable
SOFT AS KID	Easy to Wear	WASHABLE

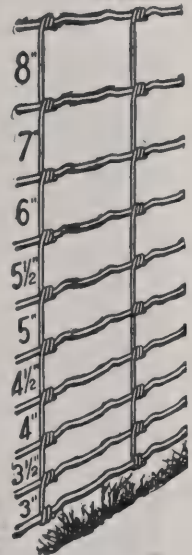
Being all-leather, Eezy Wear gloves give complete protection against dirt, scratches, bruises, stains, infection. Yet their amazing softness and pliability, the result of a special processing, make them extra comfortable. Cling to the hands and practically give you BAREHAND FREEDOM.

Economical, too—outwear 6 pairs of ordinary fabric gloves, are washable and can be used the year round for GARAGE, HOUSEWORK, PAINTING, YARD, FURNACE, ETC. Sizes for WOMEN (small, medium, large) and MEN (small, medium, large). A real value at 75 cents a pair, postpaid. (2 prs. \$1.40.)

Ross' Strong and Durable Fences



47 INCH
10 BARS



Our general purpose farm fence is the 1047x12, and the dimensions contained in the figures below are explained as follows: Figure 10 represents the number of horizontal wires, 47 represents the height in inches, and 12 represents the distance apart of the upright bars. The top bars are No. 9 wire, the bottom No. 10, and the intermediate bars and stays No. 11 wire. This makes an ideal up-to-date farm fence, strong enough for any use. It is heavily galvanized and will last for years and is much more sightly than the old ramshackle stone walls or wooden fences. When this fence is used in connection with steel posts, all of the weeds, etc., can be burned right up to the fence, which is another great advantage in keeping the field entirely free from refuse matter.

We have good stock on hand at all times of the following numbers:

1047x12, 20 rods	\$11.85
1047x12, 10 rods	6.25
845x12, 10 rods	5.85
832x 6, 10 rods	6.75
1047x 6, 10 rods	7.95
635x12, 10 rods	4.65

Spec. 12½ Lighter Wire	
1047x 6, 10 rods	\$ 6.50
1047x 6, 20 rods	11.95
1047x12, 10 rods	4.95
1047x12, 20 rods	8.95
832x 6, 10 rods	5.25
832x 6, 20 rods	9.75

American Steel Fence Posts

Better—Stiffer—Heavier

7½ ft., each	\$0.85
6½ ft., each	.70

Bale Ties



We carry the 9-ft. No. 15 cross head ties in stock. We find this to be the most popular size, as it makes the most convenient bale of hay.

Per bundle of 250 wires, \$3.25. 5 bundles, \$3.00 per bundle.

Four-Point Barb Wire

Four-Point Lyman Cattle, 80-rod spools.	
Each	\$4.25
3 Spools or more, each	4.00

Two-Ply Twisted Wire

Two-Ply Twisted Wire, 80-rod spools. Each \$3.85

American Poultry Fence

A Truly Defensive, Extra Heavy Galvanized Fence

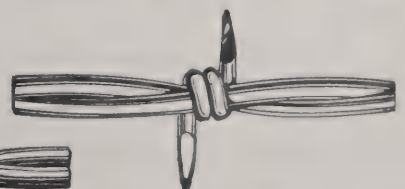
Made of No. 11 and No. 14 wire. This fence is much stronger than any other fence sold as a poultry fence, the Top and Bottom Bars No. 11 Galvanized Steel Wire, Intermediate Bars No. 13 Galvanized Steel Wire, Stay Wires No. 14 Galvanized Steel Wire.

At the bottom are four spaces of 1½ inches each, the highest spaces graduated to 5 inches.

No. 2158—21 bars, height 58 in., weight	
129 lbs.—10 rods	\$7.45
No. 1948—19 bars, height 48 in., weight	
115 lbs.—10 rods	6.75

Two-Point Barb Wire

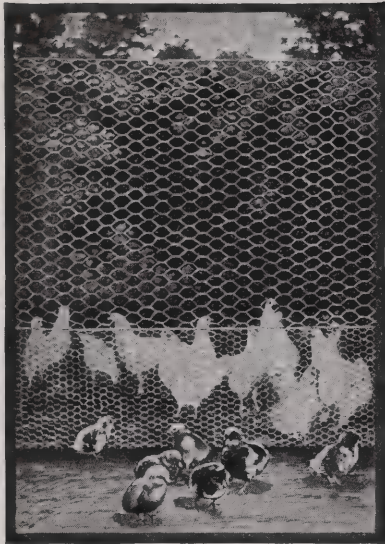
Two-Point Cattle, 80-rod spools. Each ...\$3.95



Ross' Strong and Durable Fences

Galvanized Poultry Netting

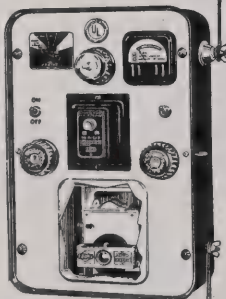
SUPERIOR



Price for roll of 150 running feet.

	No. 19 Gauge Wire	No. 20 Gauge Wire
1 ft. 2 in. mesh	\$1.54	\$1.35
1½ ft. 2 in. mesh	2.09	1.84
2 ft. 2 in. mesh	2.70	2.32
2½ ft. 2 in. mesh	3.21	2.80
3 ft. 2 in. mesh	3.87	3.28
4 ft. 2 in. mesh	4.93	4.25
5 ft. 2 in. mesh	6.04	5.20
6 ft. 2 in. mesh	7.17	6.17
1 ft. 1 in. mesh	3.14	2.56
1½ ft. 1 in. mesh	4.47	3.68
2 ft. 1 in. mesh	5.80	4.82
2½ ft. 1 in. mesh	7.12	5.98
3 ft. 1 in. mesh	8.44	7.00

Prime High-Line and Battery Electric Fence Controllers



HIGHLINE MODELS

No. 480, Grand Champion. The last word in electric fencing—the finest controller money can buy. Price, \$39.50.

No. 420, Champion. Identical with No. 480 except that it does not have Short Meter or Soil Condition Switch. A safe, dependable controller. Price, \$29.50.

BATTERY MODELS

No. 680, Grand Champion. "Tops" in battery fencing. A safe, dependable controller that does the same effective job from a battery that the No. 480 does from the highline. Price, \$39.50.

No. 630, Champion. Identical with No. 680 except that it does not have Short Meter or Super-Charger. Price, \$29.50.

No. 720, Field King. Portable outdoor model, weather-proof cabinet, room for "storage" battery. Price, \$44.50.

No. 330, Standard Battery Controller. Price, \$14.95.

No. 200, Special Battery Controller. Price, \$9.95.

Complete stock of Post Insulators, Gate Hooks, Gate Springs, and other Fence Accessories.

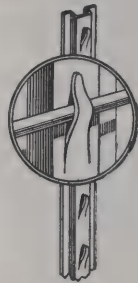
Sweet's Steel Posts

Superior Strength—Attractive
Appearance—Maximum
Durability—Unequalled Economy

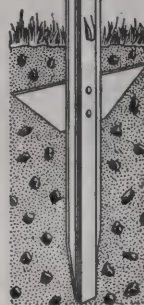
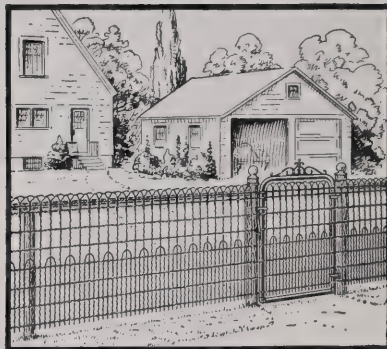
A special high carbon steel post of extreme rigidity, for all types of fence construction. The design of these posts is a flanged leg channel section which assures maximum strength.

No. 3. (B-C). 6½ ft.; approx. wt., 8.31 lbs. Price, 45c each; 25 or more, 43c each.

No. 3. (B-C). 7½ ft.; approx. wt., 9.69 lbs. Price, 55c each; 25 or more, 50c each.



Ornamental Lawn Fence



Sweet's
Steel
Post

The above cut shows the double style. Heavily galvanized steel wire used throughout. Popular heights: 36, 42, and 48 inch.

36 in., per ft.	\$0.14
42 in., per ft.	.15
48 in., per ft.	.17

Less 1c per ft. in full rolls.

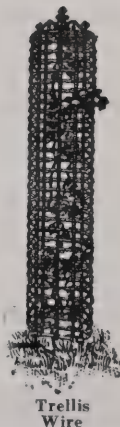
We also carry the single style, same as double except additional lower picket not furnished.

36 in., per ft.	\$0.11
42 in., per ft.	.12
48 in., per ft.	.13

Less 1c per ft. in full rolls.

Trellis Wire

Double style. 18 in. wire, 10c per ft.
24 in. wide. 12c per ft.



Trellis
Wire

Flower Bed Border



Fits any shape or size flower bed. Bottom left straight to be inserted in the ground. Standard specifications: 16-in. height, 8c per ft. 22-in. height, 9c per ft. Specification B, 16-in. height, 6c per ft. 22-in. height, 7c per ft. Less 1c per ft. in full rolls.

Barn Equipment and Dairy Supplies



Starline Unit System Arch Stalls

Starline Arch Type stalls provide greater safety to the animal and because of additional uprights cows cannot run through line, thus saving time and labor required to tie up. Starline double chain and U-bar-bottom stanchion fastening eliminates costly and frequent curb repair. Full weight butt welded steel pipe used throughout stall construction. This pipe is approximately 27% heavier than tubing and proportionately much stronger. Double bolted through stall arms, drop forged steel stanchion swivels partition rust shields which add many years service to equipment, altogether make Starline Stalls most practicable, finest in appearance and safest to use.

Free plan service by competent agricultural engineers insures a more convenient barn which will give return in greater profits. STARLINE ELECTRIC VENTILATION. Satisfied users are our best recommendation. See us for prices.

Starline Stanchions

	Each
No. 486. Giant wood-lined double lock and guide	\$5.70
No. 260W. Wood-lined with triple lock and guide	4.80
No. 259W. Wood-lined with single lock and guide	3.80
No. 259. All steel with single lock and guide	3.30
No. 208W. Wood-lined with single lock and guide	3.10
No. 208. All steel with single lock and guide	2.70
(Stanchion fastenings extra.)	

Starline Barn Door Equipment

CANNON BALL. Self-cleaning, bird-proof track with self-oiling hangers. Stay rollers, pulls and latches. Prices on request.

NEWEST STAR IN THE MILKY WAY

The NEW Streamlined McCORMICK- DEERING CREAM SEPARATOR

Here's the new streamlined McCormick-Deering Cream Separator, a cream-colored beauty that is as handsome as it is practical, as much at home in the kitchen as in the milk house. All parts contacting milk are made of stainless steel, designed for long wear and easy cleaning. Clean-skimming, self-centering bowl. Sturdily built frame. Choice of four sizes: 500, 750, 1,000, and 1,250 pounds per hour. Direct motor drive available for electrified farms. Come in and see this cream saver the next time you're in town. Get our prices on the different sizes and styles.



Starline Litter Carriers

The No. 411 Starline Streamline Litter Carrier with enclosed steel cut gears—higher lift—easier running.

No. 6 Capacity, 10-bushel tub	\$56.00
No. 8. Capacity, 12-bushel tub	58.00

Starline Water Bowls

No. 240. Adjustable flow control—easiest bowl to clean. Price: each, \$3.70.

No. 77. Starline Water Bowl. A quality bowl at an attractive price. Price: each \$3.00.

Warriner's Patent Chain Cattle Stanchions

Used in a large number of stables. A short chain secures the fastener to the top beam so that it suspends 1½ inches clear of the bottom sill. It is also fastened to the bottom sill by a chain to allow it a free and easy motion and rotation, giving the cattle freedom. Each, \$2.75; doz. lots, \$30.00.

KOW KARE. The concentrated tonic, conditioner and regulator to promote assimilation, aid low cost milk production and build up vigor for calving. 65c size, mailing weight 2 lbs.; \$1.25 size, mailing weight 4 lbs.

BAG BALM. For teat and udder ills and all farm healing. 60c, mailing weight 1 lb.

BAG BALM DILATORS. For quick healing of spider scales, bruises, etc. 25 dilators sterilized and packed in Bag Balm. 60c. Mailing weight, 1 lb.

WYANDOTTE CLEANER AND CLEANSER. Used for washing all milking equipment; also an excellent water softener. Price: 5-lb. bag, 45c; 80-lb. keg, \$4.95; 280-lb. barrel, \$13.75.

WYANDOTTE STERI-CLOR. 5-lb. can, \$1.75.

WYANDOTTE DETERGENT. 10-lb. can, \$1.00.

Prices on both of the above in larger quantities, on request.

Moore Bros. "Purpul" Medicated Wax Teat Dilators

For obstructions, spiders, sores on end of teat, hard milkers, etc.

1½ doz. Dilators, 25c; 7 doz. Dilators, \$1.00, postpaid.

Dr. Naylor's Veterinary Products

MEDICATED TEAT DILATORS. For spider, scab teats, cut and bruised teats, obstructions. 48 Dilators Packed in ointment, \$1.00; postpaid, \$1.10. 18 Dilators in ointment, 50c; postpaid, 60c.

UDDER BALM. Same as ointment in which Dr. Naylor Dilators are packed. Price: 50c; postpaid, 60c.

UDDER LINIMENT. Made with olive oil. Relieves congestion, not sticky or greasy. Price, \$1.00; postpaid, \$1.10.

FORMALAC. For minor disturbances of the mammary system. Price, 65c; postpaid, 75c.

DIRENE. Checks diarrhea, acid conditions of stomach and intestines. Price, 75c; postpaid, 85c.

LINITE. For hoof rot, canker, thrush. Price, \$1.00; postpaid, \$1.10.

Milk Scales

Built for hard use with solid brass dials. Two pointers are provided.

No. 68MD. Weighs 30 lbs. by 10ths

No. 69MD. Weighs 60 lbs. by 10ths

Mailing weight 4 lbs.

No. 2700. Black enamel finish; weighs 40 lbs. by 10ths, \$3.50.

Mailing weight, 3 lbs.

Roto Salt Bricks

Roto Salt Bricks. Weight 6 lbs. Price: 25c each; \$2.50 per doz.

Roto Holders. Weight 6 lbs. Price: 50c each.

Square Salt Bricks. Weight 5 lbs. Price: 25c each; \$2.50 per doz.

Holders. Weight 3 lbs. Price: 75c each.

Breeders Iodized Mineral Licks

1 doz., \$4.50; 1 doz., \$4.25 per doz.; 6 doz., \$4.15 per doz.; 12 doz., \$3.95 per doz.

Metal Lick Holders for above. For wood mountings, 30c each; for tube mountings, 35c each.

Ross' Farm and Dairy Equipment

Oakes & Burger Pasteurizers

The Aristocrat of Round Pasteurizers

A truly beautiful machine. Every exposed part of the machine proper is polished stainless steel. Also insulated with one inch of cork. Quiet and durable. Very fast heating and produces a deep cream line. In sizes from 20 gal. to 300 gal. capacity. Write for circular and prices installed in your dairy.

Nofome Milk and Brine Pumps

Nofome Sanitary Pumps deliver a smooth, steady flow without agitating the liquids being handled. Construction simple, sturdy and rugged. Write for prices.

Specialty Interlocking-Lip Tubing 1-inch Surface Coolers

The specialty 1-inch interlocking surface coolers embody many new features which are the result of years of experience in building milk handling machinery. Equipped with hang-on or roll-away covers. For full particulars for your requirements, send for circular and prices.

Hand Operated Bottle Filling and Capping Machines. Specialty Automatic Rotary Filler and Capper.

O. & S. Boilers, either high or low pressure for coal or oil firing. One-Brush Electric Bottle Washer. Straight Line Pressure Washers; Compartment Type Pressure Washers; Torrent Washers; Empty Case Washers, Can Rinsers, and Sterilizers.

Case Trucks.

Receiving and Weighing Outfits.

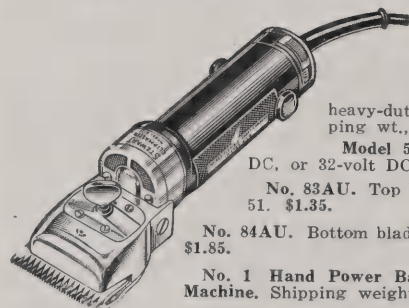
Sanitary Pipe and Fittings.

Universal Super-Strength Milk Bottles—plain or color lettering. Milk Cans and Jugs.

Insulated Quilts with reinforced corners, double steel eyelets. Mid-West Bottle Caps, Paper Milk Bottles.

The above items mentioned are the needs of every dairyman. Write for prices and also for circulars on items you are interested in.

New Stewart Electric Clipmaster



New Model 51 Electric Clipmaster. Quiet, powerful, ball bearing motor with special heavy-duty rubber cord. Shipping wt., 6 lbs. \$19.95.

Model 51, for 220-volt AC-DC, or 32-volt DC. \$21.95.

No. 83AU. Top blade for new model 51. \$1.35.

No. 84AU. Bottom blade for new model 51. \$1.85.

No. 1 Hand Power Ball-bearing Clipping Machine. Shipping weight, 30 lbs. \$13.45.

Milk Bottle Cases

12-quart case, three wire, fully ironed, waterproofed.
No. 1-B case, each\$1.82
12-quart case, two wire, fully ironed, waterproofed.
No. 1-B case, each 1.72
On twelve cases or more, less 10c each and branding no charge.
For rubber covering add 20c for two wire quarts; 30c for three wire quarts. Prices for pint and half-pint cases, also for non-waterproofed cases on request.

The Ideal Milk Cooler

Thoroughly cools the milk and at the same time aerates it perfectly, so that it is ready to ship or peddle at once. No time is lost in stirring morning's milk and getting it ready for customers, as it is cooled as fast as milked.

No. 2. Suitable for 10 to 15 cows\$10.00
No. 3. Suitable for 25 to 40 cows 12.00

Varnished Cylinder Churns

Designed for those having a small dairy.

No. 0. Capacity 1 gallon. Weight 12 lbs.\$3.75
No. 1. Capacity 2 gallons. Weight 13 lbs. 4.25
No. 2. Capacity 4 gallons. Weight 16 lbs. 4.85
No. 3. Capacity 6 gallons. Weight 18 lbs. 5.50
No. 4. Capacity 8 gallons. Weight 20 lbs. 6.50

Milk Jugs

Cleveland Pattern shown in cut. We can also supply other patterns. Price of Cleveland Pattern:

20-qt. size, umbrella cover, \$3.75 each.
25 or more, \$3.55.

40-qt. size, umbrella cover, \$5.00 each.
25 or more, \$4.80.

Embossing and marking extra.

Prices as above, F.O.B. factory, with freight equalized.

Price from store stock: 20-qt., \$3.81;
40-qt., \$5.11.



Savory Milk Pails

No. 1112. 12-quart heavy tin, riveted ears\$0.90
No. 1114. 14-quart heavy tin, riveted ears 1.00
No. 1200. 12-quart Seamless Sanitary 2.00
No. 1400. 14-quart Seamless Sanitary 2.25
Mailing weight, each, 6 lbs.

Mixing Can

Heavy Tin Mixing Can with removable strainer hoop and faucet, 6, 8, and 10 can.

6 can\$17.00
8 can 17.50
10 can 18.00

Atlantic Milk Strainers

No. 3516. 16-qt., for 6-in. discs with handle on metal disc. Mailing weight, 8 lbs. Price, \$2.75.
No. 3016. 16-qt., for 6-in. or 6½-in. discs. Fitted with heavy crown top perforated disc and heavy lock spring. Mailing weight, 6 lbs. Price, \$2.50.
No. 3010. 12-qt. Same as above. Mailing weight 5 lbs. Price, \$2.25.
No. 1410. 10-qt. for 6 in. or 6½-in. discs with convex disc and heavy lock spring. Mailing weight 4 lbs. Price, \$1.25.
No. 4416. 16-qt. for 6½-in. discs for use for 20-quart jugs. Mailing weight, 8 lbs. Price, \$2.75.

Johnson & Johnson Cotton Discs

6 in. 300 to carton. Plain\$0.95—Single face\$1.50
6½ in. 300 to carton. Plain 1.15—Single face 1.75
Mailing weight 3 lbs.

Buckley's Patent Watering Device

For Watering Stock in Stables.

Price: Each, \$2.65; per doz., \$30.00.

The Rice Calf Weaner

Small, 50c; medium, 65c; large, 85c. Weight, each, 1 lb.

Old Hickory Smoked Salt (Sugar Cure)

Ready for use. For curing hams, 9-lb. can, \$1.00. Postage extra.



Dover Milk Strainer Pail

No. 120. Telescope type strainer spout cloth strainer pail. Mailing weight, 5 lbs. Price, \$2.25 each.

Ross' Farm and Dairy Equipment

Milk Cans

Hi-Grade Cans with No. 3 Tin Stopples.

No. 1—8 quarts. Heavy	\$2.35
No. 1—10 quarts. Heavy	2.55
No. 3—8 quarts. Light	2.05
No. 3—10 quarts. Light	2.25

Mailing weight, each 8 lbs.

If above cans are furnished with 3 3/16 in. Cap Neck, in place of tin stopple, deduct 40c from above prices.

Savory Milk Kettles

Bail Handle and Tin Top

Mailing weight.

4 quarts.	4 lbs.	\$1.25
6 quarts.	4 lbs.	1.50
8 quarts.	6 lbs.	1.75

Atlantic Dairy Pails

Steel Clad Pattern

No. 5634. 14-qt. Electric welded and seamless	\$2.50
Sanitary Dairy Pails soldered inside and outside.	
No. 4632. 12-qt.	1.25
No. 4634. 14-qt.	1.35

Mailing weight 7 lbs.

Glenn Refrigerating Equipment

Glenn refrigerating equipment insures positive, quick and economical cooling. It is simple in construction, up to the minute in design, a leader in its field. The Glenn line includes all approved types of cooling tanks, both metal and concrete cooling units for every need; and the necessary equipment for cooling and storing bottled milk.

Get our prices before purchasing refrigerating equipment.



Glass Churn

Whips cream, beats eggs, makes butter, etc.

2 quarts. Weight 7 lbs.	\$1.65
4 quarts. Weight 10 lbs.	2.50

Extra glasses, 60c and \$1.00.

Bottle Brushes

Add for postage 5c each.

No. 159. Black horse hair machine. 5 1/2 in. handle	\$0.50
No. 124. Gray hair. Hand or machine. 8 in. handle	.60
No. 125. Machine brush, 4 1/2 in., gray hair, handle tapered	.55

B-K Powder & B-K Liquid—Dairy Bactericide

B-K Powder is a fast-acting chlorine bactericide containing 50% available chlorine and is a very economical source of chlorine. It is used either direct by adding to water or by preparing a stock solution and adding this to water. B-K Liquid Solution or solution of B-K Powder are used for treating dairy utensils, milk plant, creamery, ice-cream plant and cheese factory equipment to kill bacteria. These solutions aid in producing products of low bacteria count, thus increasing quality. B-K Powder or B-K Liquid Solutions work faster, more cheaply and more thoroughly than dry heat, hot water or steam, as ordinarily used. They do the job in hot or cold water.

1-qt. bottle	\$0.90
1-gal. jugs	2.00
5-gal. jugs	8.50
1 3/4-lb. bottle B-K Powder, \$1.50; postpaid	1.60
9-1 3/8-oz. bottle B-K Powder, 75c; postpaid	.85

Universal Milk Bottles

	Doz.	Gross
1 quart	\$0.85	Ask
1 pint	.65	for
1/2 pint	.55	Prices

Prices on plain and colored lettered ware quoted on request.



White Mountain Ice-Cream Freezer

Qt.	Weight	Price
1	6 lbs.	\$3.85
2	10 lbs.	4.75
3	12 lbs.	5.85
4	14 lbs.	6.75
6	20 lbs.	8.25



Leather Halters

No. 36. TAN COW HALTER. 1 1/4-inch, riveted. Weight 2 lbs.	\$1.99
PERCHERON TAN HORSE HALTER. 1 1/4-inch, sewed and riveted. Weight 4 lbs.	2.50

Curry Combs

No. 8. SOLID BACK, ENAMELED CURRY COMB	\$0.30
No. 7. CURRY COMB. Three rows of crimped oval steel cleaners	.25
No. 125. 4 Coils, reversible spring steel, black handle	.30
No. 3921. Rubber Curry Comb	.50

Add postage, 5c each.



Follansbee Seamless Inswell Milk Pail

The first seamless milk pail designed 100% for dairy use. Inswells make it easier to hold when milking. Helps the dairyman milk faster and with less effort. Inswells relieve leg strain while milking. 14-quart pail with bail and removahood, also bottom buttons and pouring handle. Mailing weight 8 lbs. Price, \$3.00.

Mid-West Pull Milk Bottle Caps—Stock Designs



Design No. 1405

Design No. 2507

Design No. 1433

Design No. 1395. Milk Pasteurized. (Not shown.)

Design No. 1859. Goat Milk. (Not shown.)

Design No. 2575. Chocolate Milk Beverage. (Not shown.)

All above caps are 40-point board, packed in tubes of 500. Mailing weight per 1000, 5 lbs. Price per 1000, 75c; 5000, 65c per 1000; 10,000, 60c per 1000.

See us for your Special printed bottle and can caps.

B-K WASHING POWDER. This is a definite chemical product by a controlled manufacturing process. It is not a mechanical mixture of two or more cleansers. B-K Washing Powder is anhydrous, i. e., water free. It is 100% alkali. Less is required to do the same job than that required by other cleaners and is therefore very economical to use. For hand washing and jug and can washing. Price: 100-lb. drum, \$7.70; 300-lb. drum, \$7.15 per 100 lbs.

THE NEW B-K GENERAL CLEANSER. White, crystalline, free-flowing. Easily and quickly soluble. General purpose manual cleaning in food plants—glassware, tinware, vats, pipelines, and machinery. Cleaning farm milk utensils, even with hard cold water. For handwork. Price: 100-lb. drum, \$7.70; per 350-lb. drum, \$7.75 per 100 lbs.

B-K BOTTLE COMPOUND. A splendid washing alkali. High in caustic content, provides good germicidal action. A thorough wetting agent on contact and a free rinser. Has every other quality necessary to make it a thorough cleanser, dissolving action, deflocculation action, emulsifying power and germicidal power. Makes bottles bright and sparkling. May be used in soaker type or hydro type washers. Now used with great satisfaction in many plants. Price: 100-lb. drum, \$6.20; 400-lb. drum, \$5.35 per 100 lbs.

Blanchard's Butter Molds

Initial engraved, 25c extra per initial. Weight 1 lb.

1/2 lb.	\$0.85
1 lb.	1.00
2 lbs.	1.50

Bottle Carriers

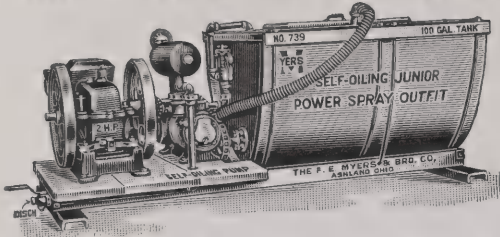
Flat Wire:

6 1-qt. Bottle Carrier. Weight 5 lbs.	\$1.25
8 1-qt. bottle Carrier. Weight 6 lbs.	1.40

Add postage for your zone.

Sprayers for Garden and Farm Use

Myers Self-Oiling Junior Spray Outfit



Complete with 3 h. p. engine. Equipped with one No. 13 spray gun, 50 feet of $\frac{1}{2}$ -inch high pressure hose, single cut-off for discharge lines, pressure gauge, rotary agitator, pressure regulating valve, strainer, and suction hose.

No. 739-301 Myers Self-Oiling Junior Spray Outfit with 100-gal. tank. Price, \$294.00.

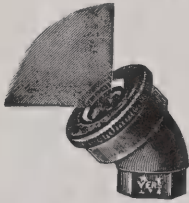
No. 739-301 $\frac{1}{2}$ with 150-gal. tank. Price, \$304.00.

Myers catalog, describing the above and all other power sprayers, sent on request.

The Myers Whitewash, Cold Water Painting Machine and General Purpose Sprayer

No. R329. Holds 7 gallons. Price, \$14.00.

Nozzles



Fembro 45 degree nozzle. 85c; or 90c, postpaid.



Fembro straight nozzle, 75c; or 80c, postpaid.



Bordeaux Nozzle for Spraying

This nozzle will throw a fine fan-shaped spray and will readily free itself should it become clogged by turning cock-handle. It will throw a solid stream or it may be shut off altogether if desired. Price, \$1.20. Weight 1 lb.

Brown's Electro-Weld Sprayer

Brown's Funnel-Top Sprayers have the side and head seams electrically welded and hot galvanized coated. Funnel opening enables operator to fill tank easily. Equipped with 2-inch diameter solid brass pump with all brass valve, automatic shut-off with sta-open feature, 24-inch brass extension, 22-inch spray hose, and non-clog nozzle.

No. 400B. Funnel-Top Sprayer. Brass tank, 4-gal. \$8.45 each.

No. 400D. Funnel-Top Sprayer. Galvanized tank, 4-gal. \$5.25 each. Shipping weight, 10 $\frac{1}{2}$ lbs.

No. 350D. Sprayer, Funnel-Top. Galvanized tank, 3 $\frac{1}{2}$ -gal. \$4.45 each. Shipping weight, 9 lbs.

Brown's Open-Hed Sprayer

Brown's Open-Hed Sprayers are electrically welded and hot galvanized after fabrication, insuring greatest strength for your absolute safety. Automatic shut-off equipped with the new hold-open feature, allowing instant closing and opening. Large 5-inch diameter opening makes it simple to fill and clean tank. Two-stage safety lock insures greatest protection. Extra wide carrying straps give greater comfort in carrying sprayer. A safe, durable and convenient sprayer.

No. 4B. Open-Hed Sprayer. Brass tank, 4 gals. \$11.95 each.

No. 4D. Open-Hed Sprayer. Galvanized tank, 4-gal. \$7.45 each. Shipping weight, 12 lbs.

No. 3D. Open-Hed Sprayer. Galvanized tank, 3-gal. \$6.45 each. Shipping weight, 9 lbs.

Myers Kwikfill Compressed Air Sprayer

The tank is made of heavy galvanized iron or brass. The side wall is close riveted and soldered. The top and bottom are extra heavy galvanized material with flanged edge over which the side wall is turned and thoroughly soldered. Has 1 $\frac{1}{4}$ -in. brass tube air pump. The air pump is attached to the tank by a heavy brass nut, the unscrewing of this brass nut by turning the handle permits the instant removal of the pump for filling the tank. Each sprayer has a 45-degree nozzle and 18-in. brass extension.

No. 2242. 4-gal. galv. tank \$6.00

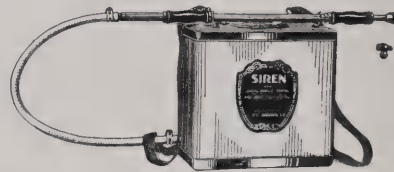
No. 2242B. 4-gal. brass tank 10.50
Shipping weight 13 lbs.

No. 2240. 2 $\frac{1}{2}$ -gal. galv. tank 5.25

No. 2240B. 2 $\frac{1}{2}$ -gal. brass tank 9.50
Shipping weight 10 lbs.



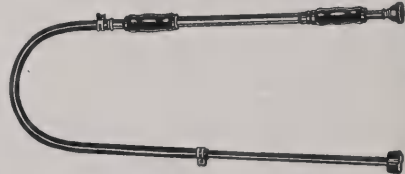
Brown's Siren Knapsack Outfit



Shipping weight 11 lbs. Price \$11.45.

Dual purpose sprayer. Designed for fire fighting, but with a wide range of uses. An efficient agricultural and whitewash sprayer. Pump generates 200 lbs. pressure with little effort. 5-gallon capacity.

Brown's Siren Pump



Complete with strainer pipe and nozzles for use with knapsack or bucket. Used for long or short range spraying. Shipping weight 4 lbs. Price, \$4.95.



Oakes Sturdy Boy Sprayers

No. 419G. Galvanized tank, 3 gal., funnel top, brass pump. Mailing weight 9 lbs. Price, \$3.00.

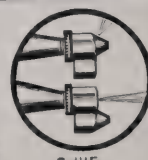
Oakes E-Z Fill Sprayer No. 138G (not shown.) 3 $\frac{1}{2}$ -gal. galvanized tank. Mailing weight 11 lbs. Price, \$6.25.

Oakes Continuous Sprayer

Copper tank and brass pump assembly.

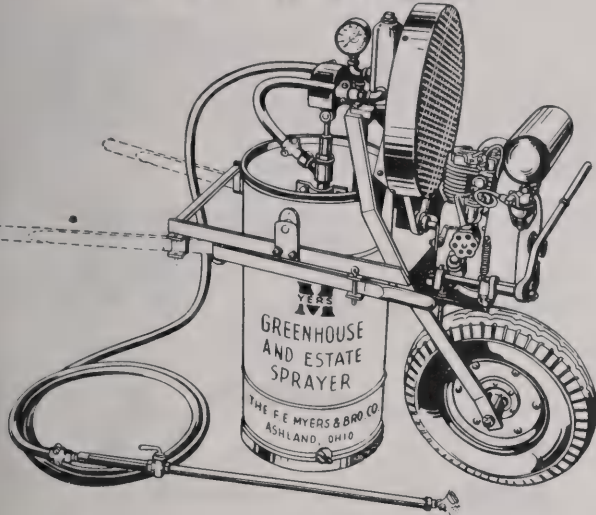
No. 1115. 1 $\frac{1}{2}$ -qt. cap. Mailing weight 3 lbs. Price, \$2.25.

No. 1114. 1-qt. cap. Mailing weight 3 lbs. Price, \$1.80.



Sprayers for Garden and Farm Use

Myers Greenhouse and Estate Sprayer Wheelbarrow Type—Power Operated

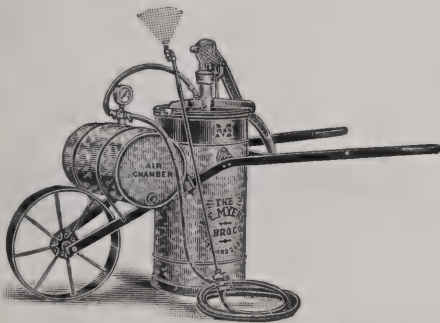


- No. 805-MGHS. Motor driven, with 50 feet of cord and plug, steel wheel (not shown) \$ 83.00
 No. 805-MGHR. Motor driven, with 50 feet of cord and plug, rubber tire (not shown) 93.00
 No. 805-EGHS. Engine driven, steel wheel 105.00
 No. 805-EGHR. Engine driven, rubber tire 115.00

Myers Cog Gear Spray Pump Double Acting

- No. R316B. Pump complete, 50-gallon barrel mounted as shown, with pressure gauge, one 15-ft. lead of $\frac{3}{8}$ -inch 7-ply discharge hose, one Fembro Fig. 1290 nozzle, one 8-ft. pipe extension with lever shut-off and mechanical agitator. Price, \$60.00.

The Myers Portable Sprayer



- No. R339 $\frac{1}{2}$ B. Myers Handy Portable Sprayer, complete as shown with air chamber, pressure gauge, dasher agitator, 15 feet $\frac{1}{2}$ -inch 5-ply discharge hose, 8-ft. pipe extension with lever cut-off and Vermorel nozzle, wheel 15 $\frac{1}{2}$ x 3 inch. Price \$42.50.
 No. R336 $\frac{1}{2}$ B. Without pressure tank. Price \$26.50.

Myers Spray Guns

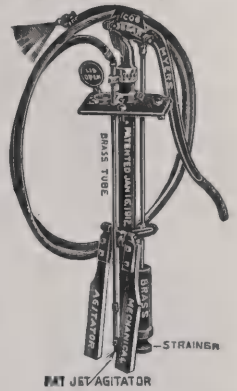


This gun discharges a long distance spray, by means of which the top of the highest fruit tree can be reached, a slight turn of the handle widens the spray and another short turn throws off spray entirely when ready to move to next tree.

- No. 12. Gun without hose swivel \$ 7.00
 No. 13. Gun with hose swivel 8.00
 No. 35. Triple spray gun without hose swivel 9.25
 No. 36. Triple spray gun with hose swivel 10.25
 No. 47. Quadruple spray gun without hose swivel 10.50
 No. 48. Quadruple spray gun with hose swivel 11.50

Myers Cog Gear Barrel Spray Pump

No. R318B. Myers Cog Gear Barrel Spray Pump. Complete, with one lead of 15 feet of $\frac{1}{2}$ -inch 5-ply discharge hose, graduating Vermorel nozzle, and mechanical agitator. Price \$17.00. 8-ft. pipe extension extra, 80c. Price: Complete, all set in barrel, with 8-ft. extension, \$21.75.



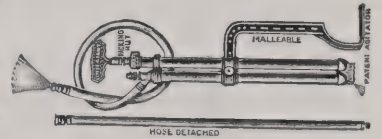
The Myers Perfect Knapsack Spray Pump



- No. 1330A. Galvanized \$14.50
 No. 1331A. Brass 21.00
 Weight 16 lbs.

Myers Little Giant Bucket Pump

No. 327 $\frac{1}{2}$. Little Giant Brass Spray Pump, with agitator complete with hose and Imperial combination fine, coarse spray and solid stream nozzle, with malleable foot rest. Price, \$4.50. Weight 6 lbs.



Brown's New Screw Lock Dome Top Continuous Sprayers



which are easily accessible. Produces a fine spray and will last indefinitely. Price, \$1.85.

No. 325. The No. 325 possesses the same general features as the No. 335, but it is made with a lithographed tin pump instead of brass. Price, \$1.25.

No. 315. The No. 315 is the same as the No. 325, but with a tin container. Price, 90c. Mailing weight, 2 lbs.

Brown's Dome-Top Single Action Sprayers



No. 12. A one-pint capacity sprayer with the same general specifications as the No. 14. Price, 35c. Mailing weight, 2 lbs.

No. 14. A one-quart single action sprayer of the new dome top design with screw lock. Lithographed tin pump and tin container. Will not drip or dribble; equipped with return drip cup. An ideal all-purpose sprayer. Price, 40c.

No. 26F. A large capacity continuous sprayer holding 3 quarts. Excellent for use where large capacity is required. Lithographed tin pump, galvanized container and new one-point all-direction nozzle. Exposed valve easily accessible, siphon tube removable. Price, \$1.45. Mailing weight, 2 lbs.

Brown's No. 26F Sprayer



Farm and Garden Implements

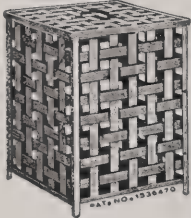
Oakes Sprayer



No. 165

No. 165. Quart continuous sprayer for oils, chemicals, fly sprays, etc. Mailing weight 2 lbs. Price, 70c.

"BORN SIDE"
INCINERATOR



SKYSCRAPER Rubbish Burners

E.	27x16x16 in., wide mesh	...\$ 3.00
DD.	27x14x14 in., close mesh	... 3.50
EE.	27x16x16 in., close mesh	... 4.00
3E.	30x30x20 in., close mesh	... 6.25
4E.	36x24x24 in., close mesh	... 11.25

Columbia Fruit Step Ladder

This fruit step is the latest, strongest, best and most practical fruit step on the market. Made from clear spruce; steps reinforced with truss rods. Made in 5, 6, 8, 10, and 12-ft. lengths. Per ft., 75c.



Extension Ladders

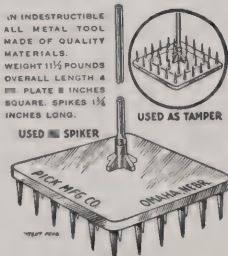
Made from white spruce and recommended by telephone and telegraph folks who use these. Allow 4 ft. for lap.
Ft. Per Ft.
20 to 32\$0.50
34 to 4452

Common Taper

Made of white spruce. Very strong and durable.
Ft. Per Ft.
10 to 16\$0.45
18 to 2247

Closed Top Fruit

This ladder manufactured purposely for fruit picking. Upper section closed or pointed at top to run up in thick branches of trees. 10 to 22 ft., per foot 47c.



Yale Step Ladders

Clear eastern spruce throughout. 3 ft. to 12 ft. Price, 75c per ft.

Spike Tamp

Spike Tamp is the most wonderful lawn tool ever produced. Spike Tamp soon pays for itself in saving seed, fertilizer, plant food, and water. Spike Tamp is very useful in the garden for cultivating, breaking up clods, and pulverizing the soil.

Price, \$4.50.

Garden Hose Reels

No. 10. Undoubtedly the best garden hose reel on the market. Absolutely all metal, tubular steel rims and frame; corrugated galvanized drum. Frame and reel enameled green. Capacity, 100 feet of 3/4-in. hose. Price, \$4.50. All-steel hose reel, capacity 100 feet 3/4-in. hose. Price, \$1.35.

Pruning Saws



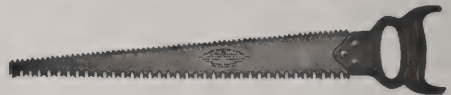
No. D-27. 26 in. Mailing weight 3 lbs.\$3.50



No. 19. 18 in. Mailing weight 2 lbs.\$2.25



No. 15. Blade 14 in. Mailing weight 3 lbs.\$2.15
Extra blade25



No. 40. 16 in. Mailing weight 2 lbs.\$1.25
18 in. Mailing weight 2 lbs. 1.35

Tree Saws



Curtis Hollow Back Pattern. 5 ft., \$2.50; 5 1/2 ft., \$2.75; 6 ft., \$2.95.

Same as above, only two gauges thinner on back. 5 ft., \$3.00; 5 1/2 ft., \$3.25; 6 ft., \$3.45.

Handles extra. 50c per pair.

Curtis One-Man Saws



3 ft., \$2.50; 3 1/2 ft., \$2.75; 4 ft., \$3.00.

Buck Saws

Great Northern Wood Saw. Natural wood, narrow blade ..\$1.75
No. 305. Red frame. 2-inch blade\$1.25

Saw Bucks

Price: Each, 65c

The HKP Forester Pruner

The Forester has the patented slide-shift power slot (McKinney type). Powerful and ruggedly built for lifetime use.

No. 1. 20 in. long. Capacity 13/16 in. Wt. 2 lbs., 10 ozs.

Each, \$5.00.

No. 2. 27 in. long. Capacity 1 1/2 in. Wt. 4 lbs., 10 ozs. Each, \$6.00.

No. 3. 34 in. long. Capacity 2 in. Wt. 7 lbs., 4 ozs. Each, \$7.00.



Burlap Hotbed Mats

Made of burlap filled with hair felt. 76x76. Preferred by many market gardeners to the straw mats. Each, \$3.50. Waterproof. 76x76. Each, \$4.25.

Farm and Garden Tools

The Following is a Partial List of the Large Line of Hand Tools We Carry

IN ORDERING, GIVE NAME, NUMBER, AND SIZE

TRUE TEMPER HOES

No. G08. 8 in. Field Hoe	\$1.30
No. M08. 8 in. Meadow Hoe	1.40
No. M09. 9 in. Meadow Hoe	1.50
No. S71. $\frac{3}{4}$ Square Top Onion Hoe	1.15
No. 9. 9 in. Mortar Hoe	1.85
No. 10. 10 in. Mortar Hoe	1.95
No. ND8. 8 in. Nev-r-dul Hoe	1.45
No. GN07F. 7 in. Home Gardener Hoe with fire hardened handle	1.10

TRUE TEMPER MANURE FORKS

Oval Tines, Tubular Ferrule

No. 054. 5-tine, long handle	2.00
No. 05D. 5-tine, steel D handle	2.10
No. 064. 6-tine, long handle	2.25
No. 06D. 6-tine, steel handle	2.35

TRUE TEMPER SPADING FORKS

Tubular Ferrule

No. 0L4. 4-tine, long handle	1.50
No. 0LD. 4-tine, steel D handle	1.50
No. 0LDX. 4-tine, steel D fire hardened handle	1.25

TRUE TEMPER STEEL RAKES

No. 12L. 12-tooth	1.15
No. 14L. 14-tooth	1.25
No. 16L. 16-tooth	1.40

TRUE TEMPER COKE FORKS

No. 710. 10 tines, $1\frac{1}{4}$ in. between tines	4.00
No. 712. 12 tines, $1\frac{1}{4}$ in. between tines	4.70

SCUFFLE HOE

No. A25. Blade $7\frac{1}{2}$ inches, 5-foot handle. (True Temper)	1.35
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CHICKEN HOUSE OR BARN FLOOR SCRAPER

No. CH613. Blade 13 inches wide; 4 inches deep. 6-foot handle	1.50
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SUNNYSIDE HOE

No. E049. The best strawberry hoe. Mailing weight 4 lbs.	1.30
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GARDEN FORK

No. 300. 3-tine. Mailing weight 2 lbs.	.50
--	-----

GRASS SCYTHES

Mailing weight 3 lbs.

True Temper	1.85
Black Hawk	1.85

BUSH SCYTHES

True Temper	1.85
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SCYTHE SNATHS

No. 50. Ash Grass	1.50
No. 105. Bush Snaths	1.75

Add Postage for Your Zone

WOODEN RAKES

3 Steel Bow Hay Rake, 14 teeth	\$0.95
3 Steel Bow Lawn Rake, 28 teeth	1.10
Drag Rake	2.00

WIRE LAWN RAKE

No. 124R. Wire Lawn Rake with handle. Mailing weight 4 lbs.	1.00
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GUMFINGER LAWN RAKE

The only rake with rubber teeth.	
16 in. Mailing weight 3 lbs.	1.25
20 in. Mailing weight 4 lbs.	1.50

LAWNCOMB RAKE

No. LC18. True Temper. 24 teeth. Mailing weight 5 lbs.	1.25
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KLEEN SWEEP RAKE

No. 41. Kleen Sweep Lawn Rake, made by Rugg. 32 teeth. Mailing weight 5 lbs.	.85
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TURF EDGER

For lining walks, etc. Mailing weight 5 lbs.	
No. 040F. Long handle	1.25
No. 404DF. Steel D handle	1.25

BORDER AND LAWN SHEARS

Long Handle Border Shears with one wheel	4.25
Long Handle Lawn Shears with two wheels	4.50

GRASS SHEARS

Doo-Klip Grass Shears. Mailing weight 2 lbs.	1.50
Long Handle Doo-Klip Shears. Mailing weight 5 lbs.	2.50

GRASS SHEARS

No. H9. 12 in., bevel steel blades. Mailing weight 2 lbs.	.75
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GRASS SHEARS

35c and 75c
Add 10c for postage.

TRUE TEMPER GARDEN TROWEL

No. DST. Solid steel with offset shank. Mailing weight 2 lbs.	1.00
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STEEL GARDEN TROWEL

No. 2120. Long handled. Mailing weight 2 lbs.	.40
No. 211. Short handled. Mailing weight 2 lbs.	.75

GARDEN TROWEL

No. 212. Mailing weight 2 lbs.	.35
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CHEAP TROWEL

No. 800. 6 in. Mailing weight 2 lbs.	.10
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TRUE TEMPER WEEDER

3-tine No. E. Mailing weight 2 lbs.	.60
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LANG'S WEEDER

Postpaid	.30
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GARDEN SETS

No. 4PSF. Ladies' 4-piece True Temper	\$3.75
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TRUE TEMPER INVINCIBLE CULTIVATORS

No. IGC3. 3-prong, long handle	1.10
No. IGC5. 5-prong, long handle	1.40
No. IGC3F. 3-prong, with fire hardened long handle	.95
No. IGC5F. 5-prong with fire hardened long handle	1.20

DIBBLE

Cast	.75
With wood handle. Mailing weight 2 lbs.	.75

WATERING POTS

4 qt. Weight 3 lbs.	.75
6 qt. Weight 3 lbs.	.85
8 qt. Weight 4 lbs.	.95
10 qt. Weight 4 lbs.	1.00
12 qt. Weight 6 lbs.	1.15
16 qt. Weight 8 lbs.	1.45

GARDEN REEL

No. 1. Small. Mailing weight 4 lbs.	1.50
No. 2. Large. Mailing weight 5 lbs.	2.50

GARDEN LINE

96 ft. Mailing weight 1 lb.	1.00
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ASPARAGUS KNIFE

No. 94. Goodell. Mailing weight 1 lb.	.35
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STEEL BLADE TREE SCRAPER

Weight 2 lbs.	1.25
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STEEL GRAFTING CHISEL

Mailing weight 1 lb.	1.25
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PEERLESS FRUIT PICKER

Mailing weight 3 lbs.	.60
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GRASS HOOKS

No. 11 $\frac{1}{2}$. True Temper	.55
No. 1. Hand made	.40
Nolin's	.85
Mailing weight 2 lbs.	

PUSH BROOMS WITH HANDLES

5 rows, 16 in., Rattan	1.25
5 rows, 16 in., Bass	1.50
Mailing weight, each, 5 lbs.	

COW TIES

3 $\frac{1}{2}$ ft. Mailing weight 3 lbs.	.50
4 ft. Mailing weight 3 lbs.	.55

CATTLE CARDS

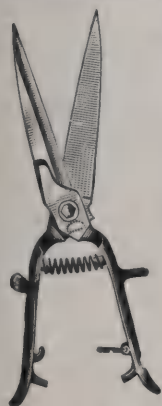
Postage extra, 5c each.	
No. 444. Small special fiber. 5 $\frac{1}{4}$ x3 $\frac{1}{2}$	.25

CANT DOGS Round Bill

3 ft.x2 $\frac{3}{4}$	2.60
3 $\frac{1}{2}$ ft.x2 $\frac{3}{4}$	2.65
4 ft.x2 $\frac{3}{4}$	2.85

Michigan Pattern

3 $\frac{1}{2}$ ft.x2 $\frac{3}{4}$	3.50
4 ft.x2 $\frac{3}{4}$	3.75



No. H9
Grass Shear



No. LC18
Lawncomb Rake



Doo-Klip Grass Shear



No. 41. Kleen Sweep Rake

Farm and Garden Implements

French Pruning Shears



Forged tool steel blade, drop forged handles.

7 in.	\$1.95
8 in.	2.00
9 in.	2.25
10 in.	2.50

Disston Hand Pruning Shears

- No. 105. 9-inch malleable iron handles, green enamel finish. Blued Volute spring. 50c.
 No. 205. 9-inch malleable iron handle, red enamel finish. Blue Volute spring. 75c.
 No. 140. 9-inch, 2-piece pattern. Blue enamel finish. Blued Volute spring. \$1.00.
 No. 146. 9-inch, 2-piece pattern "Pentrate," rust resistant finish. Blued Volute spring. \$1.50.
 No. 107. 8 3/4 inch. Double leaf spring, full polish finish. \$1.75.
 No. 156. 8 1/2-inch alloy steel blades, highly polished. Blued Volute spring. \$3.50.

Add 10c for postage.

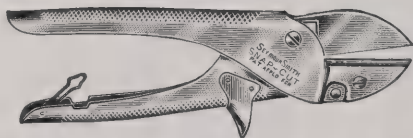
"Tiffany" All Steel Tree Pruners



Cuts from both sides of the limb and does not bruise the bark. Cuts 1 1/2-inch limbs with ease. Light, powerful and practical. The blade has the draw cut principle and cuts very smoothly.

- Length, 20 in.; weight, 2 1/2 lbs.; postpaid, \$2.75.
 Length, 24 in.; weight, 3 lbs.; postpaid, \$3.00.
 Length, 28 in.; weight, 3 1/2 lbs.; postpaid, \$3.50.

Snap Cut Pruner

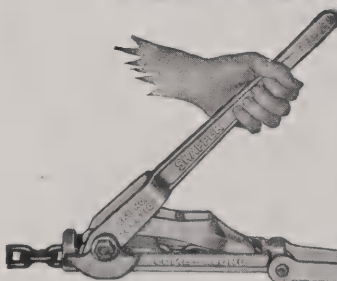


Orchardists, home and professional gardeners everywhere recognize the "Snap Cut" as the most efficient pruner on the market today.

- No. 119. Length 8 in. \$2.00
 No. 118. Length 6 in. 1.25
 No. 19. Special length, 8 in. 1.50
 No. 9. Junior length, 7 1/4 in. 1.00

Add 10c for postage.

Shaffer Hand Power Units



Midget "Come-Along."
 Tested to 2000 pounds. For light duty. Equipped with 4 feet of 1/4-in. BBB high test chain. Length of travel 37 in. Price, \$6.50.

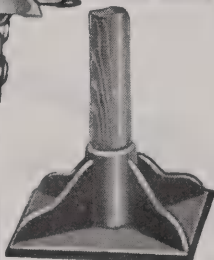
Standard "Come-Along."
 Tested to 6000 pounds. Equipped with 5 ft. of 3/4-in. BBB high test chain. Length of travel 47 in. Price, \$9.50.

Send for circular giving further details.

Heavy Duty "Come-Along." Tested to 8000 pounds. Equipped with 6 ft. of 7/16-in. BBB high test chain. Length of travel 60 in. Price, \$12.50.

Buch's Tampers

- No. 1. 8x8 Square Wood Handle. \$1.75
 No. 2. 10x10 Square Wood Handle 2.15
 No. P1. 8x8 Square Pipe Handle. 2.50
 No. R2. 6-in. Round Wood Handle 2.00
 No. PR2. 6-in. Round Pipe Handle 2.35

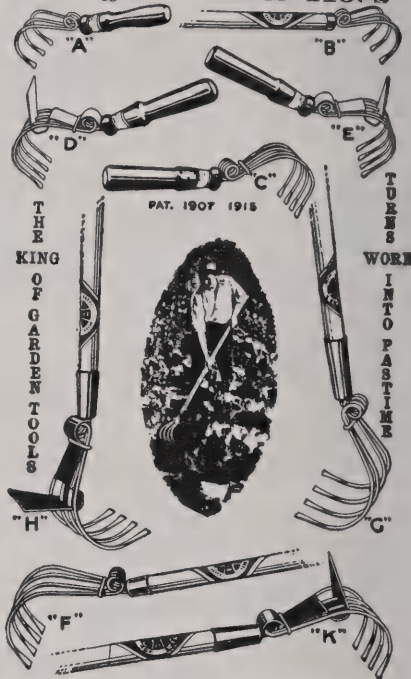


Magic Weeder Hoes

RICHARD'S

COMBINATION SPRING-TOOTH

Magic Weeder Hoes



Specifications and List Prices:

Style	Length of Handles	Price each	Postpaid each
A	5 1/4 in.	\$0.10	\$0.15
B	18 in.	.15	.25
BB	36 in.	.25	.35
C	5 1/4 in.	.15	.25
D	6 in.	.25	.35
E	6 in.	.25	.35
F	42 in.	.65	.80
G	48 in.	.80	.95
H	48 in.	.90	1.05
K	48 in.	.90	1.05

Seymour Smith Hedge Shears

- No. 154N. 9-inch "Lightning Clipper" Shears. Notched and serrated; bolted handle. \$2.85.
 No. 54N. 9-inch "Lightning Clipper" Shears. Notched only; bolted handles. \$2.65.
 No. 26N. 8-inch "Multi-Power" Shears. Notched only. \$2.00.
 No. 14N. 8-inch "Ezy Cut" Shears. Serrated top blade. \$1.50.
 No. 4N. 8-inch "Essex" Shears. Notched blades. 90c.

Clyde Orchard Pruners

- No. 5407 with lever handle or No. 5427 with sliding handle.
 8 ft. \$2.25
 10 ft. 2.50
 12 ft. 2.75
 14 ft. 3.00

HKP Point Cut Pruner



This new Porter tool is, we believe, the first perfect all-purpose pruner ever developed. Furnished in three length handles.

- No. 120. 20 in. Weight 2 lbs., 12 ozs. \$5.00
 No. 124. 24 in. Weight 3 lbs., 2 ozs. 5.10
 No. 127. 27 in. Weight 3 lbs., 7 ozs. 5.20

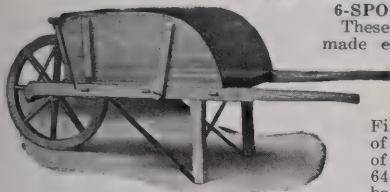
Clyde Pruners

The Clyde Drawcut Pruners produce a powerful sliding cut movement of the blade. The blade hook and shank are forged from tool steel.

- No. 5409 1/2. 24 in. Strapped ash handles \$2.00
 No. 5403. 22 in. Drawcut, strapped ash handles 3.25
 No. 5402. 24 in. Drawcut, strapped ash handles 3.75

Farm and Garden Supplies

Garden Wheelbarrow



6-SPOKE WOOD WHEEL

These Wheelbarrows are made especially for us, are well constructed throughout, of hardwood, and strongly ironed.

Finished with two coats of paint and one coat of varnish. This, No. 64, is the best garden barrow on the market.

- No. 64. Barrow (as shown). Painted green. Price, \$6.95 each.
 No. 5. Special Garden Barrow (not shown). Painted green with wood wheel. Price, \$5.95.
 No. 6B. Garden Barrow (not shown). Painted red with steel wheel. Price, \$4.95.
 No. 64 Barrow with 16x4 pneumatic rubber tired wheel. Price, \$12.95 each.
 No. 5 Barrow with 16x4 pneumatic rubber tired wheel. Price, \$11.95 each.

Buch's Steel Tray Home Barrow



- No. 20. One-piece pressed steel tray. Price, \$3.95.
 No. 20. With 16x2 inch semi-pneumatic rubber-tired wheel. Price, \$6.95.
 No. 21. General utility steel tray barrow. An exceptional barrow (not shown). Price, \$5.25.

Buch's Round Front Contractor's Barrow One-Piece Pressed Steel Tray



- No. 154. Standard rating cap., 4 cu. ft. Struck Measure cap., 3 cu. ft., with steel wheel, \$7.95; with 16x4 pneumatic rubber-tired wheel, \$14.50.
 No. 17B (not shown). Square front with steel wheel, \$7.50; with rubber-tired wheel, \$14.00.
 No. 22B. Deep front barrow (riveted tray) for manure, etc., with steel wheel, \$8.50; with rubber-tired wheel, \$15.00.

Picks, Mattocks

- 8-lb. Contractors' Picks\$1.65
 9-lb. Contractors' Picks 1.80
 6-lb. Pick Mattocks 1.45
 6-lb. Long Cutter Mattocks 1.35
 4-lb. Bog Hoes 1.30

Shovels

Pony and Bronco Shovels are one piece solid shank shovels manufactured by the Ames Shovel Co. We also carry the Bantam and Fox, one piece, solid shank shovels, manufactured by the American Fork & Hoe Co.

- No. 2 Pony Shovels, short or long handle, rd. or sq.\$1.60
 No. 3 Bronco Shovels, short or long handle, rd. or sq. 1.65
 No. 2 Bantam Shovels, short or long handle, rd. or sq. 1.60
 No. 3 Fox Shovels, short or long handle, rd. or sq. 1.65
 No. 2 Bantam Spade, short or long handle. 1.60

Corn Hooks

- No. 2CH Yankee Corn Hook\$0.50
 No. 6C Carver's Patent Plain Edge75
 No. 8C Carver's Patent Serrated Edge80

The Handiest Implement on the Farm

A Good Stone Boat

The front is of high grade tank quality carbon steel, 29 inches or 34 inches wide, firmly bolted and braced to the raves and bottom boards, which are of bone dry hardwood. The raves are painted red and varnished; the bottom boards are oiled with the best quality linseed oil.

- 29-inch Boat. Length 6 feet, 1 inch. Weight 138 lbs. ...\$15.00
 34-inch Boat. Length 7 feet, 1 inch. Weight 178 lbs. ... 16.50

Steel Fronts

- 29-inch with bolts. Weight 27 lbs. 5.00
 34-inch with bolts. Weight 32 lbs. 5.25
 40-inch with bolts. Weight 37 lbs. 6.00

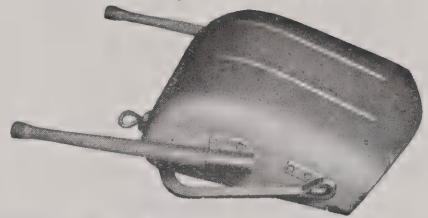
CAST IRON BOAT HEAD. Price, \$7.50 each. Bolts, \$1.00 per set.

Knot Klipper Axes

3, 3½, and 3¾ lbs. Absolutely guaranteed.

- Each\$1.90
 Handled with extra 28-in. handle 2.35
 Double Bit 2.25
 Double Bit Handled 2.75
 TRUE TEMPER AXES, 28-in. French handle 2.25
 CHAMPION AXES, 28-in. French handle .. 1.95
 CHAMPION HOUSE AXES, 19-in. handle .. 1.50

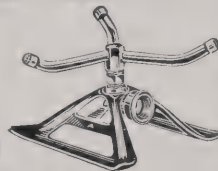
Steel Scraper with Runners



- No. 1. Carries 7 ft. of earth\$10.75
 No. 2. Carries 5 ft. of earth 10.50
 No. 3. 10.00

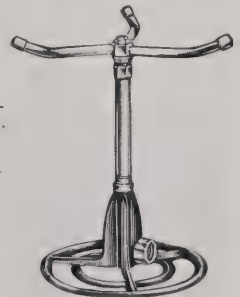
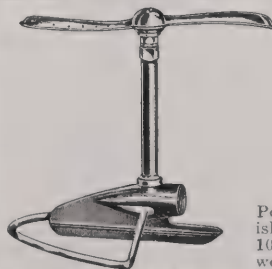
Allen's Dollar Revolving Lawn Sprinkler

Stands 4½ inches high. Base is finished red with brass arms and solid brass head. Price, \$1.00. Mailing weight, 3 lbs.



The New Ambassador Sprinkler

Glacial-green ripple finish, chromium-plated brass parts. Height, 12½ inches. Price, \$2.00. Mailing weight, 5 lbs.



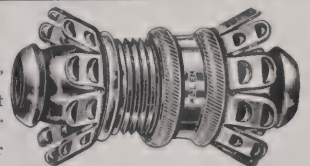
The New Streamline Sprinkler

A really streamlined number. Pompeian red ripple enamel. Polished chromium brass parts. Height, 10¼ inches. Price, \$1.75. Mailing weight, 4 lbs.

ALLEN'S IMPROVED "RING" All-Brass Lawn Sprinkler. Mailing weight, 2 lbs. (Not shown.) Price, \$1.00.

"Multi-Grip" Hose Couplings

Three sizes: ½-inch, ¾-inch, 1-inch. Price, 30c each.
 Multigrip Hose Menders (not shown either size as above. Price, 10c each.
 Galv. Hose Clamps, either size. Price, 3c each.



Farm, Garden and Lawn Supplies

Richmond Plant Tub

Painted green, round wire hoops.



No.	Top Diam.	Bottom Diam.	Depth	Weight Lbs.	Price
1	6	5	6	1	\$0.65
2	7	5	7	1 1/2	.70
3	8	6	8	2 1/2	.75
4	9	7	9	2 3/4	.80
5	10	7 1/2	9	3	.95
6	11	8 1/2	10	4	1.15
7	12	9	11	4 1/2	1.40
8	13	10	12	5 1/2	1.80
9	14	11	13	7	2.00
10	15	11 1/2	14	8	2.25
11	16	12 1/2	15	9	2.50
12	17	13 1/2	16	12	3.90

A. B. C. Plant Protector

For Cabbage, Tomatoes and other plants. Packed 1000 in good strong fiber box. Price, per 1000 (mailing weight 10 lbs.), \$2.50.

Plant Sticks

For pot or garden use. Square, painted green.

	Each 100		Each 100	
1 ft.	\$0.02	1 1/2 ft.	\$0.07	\$ 6.25
1 1/2 ft.	.02	3 ft.	.09	7.95
2 ft.	.03	4 ft.	.12	10.00
2 1/2 ft.	.04	5 ft.	.16	14.95
		6 ft.	.18	16.75

VERANDA TRELLIS

High	Width	Price	High	Width	Each
3 ft.	10 in.	\$0.85	6 ft.	18 in.	\$1.80
4 ft.	11 in.	1.10	8 ft.	18 in.	2.40
5 ft.	18 in.	1.50	10 ft.	20 in.	3.00
			12 ft.	20 in.	3.60

Get prices for Fan Trellis.

Peerless Glazing Points

Per Box, 1000 points\$0.75

Tomato Supports

34 inches high, 20 inches in diameter at the top. Price, 35c each; \$3.75 per doz.

Tree Labels

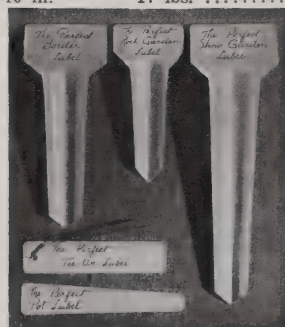
Copper wired, 3 1/2 inches. Weight 5 lbs. Per 1000.....\$2.75

Pot Labels

	Wt. per 1000	100	1000
4 in.	4 lbs.	\$0.25	\$2.25
6 in.	5 lbs.	.35	2.85

Garden Labels

	Wt. per 1000	100	1000
8 in.	14 lbs.	\$0.75	\$6.00
10 in.	17 lbs.	.85	7.50



Perfect Garden Label

Accepted as the perfect garden label by all who have used them. Easily and permanently marked with ordinary lead pencil. The beautiful gray-green color blends with the soil, foliage and rocks. Prices postpaid as follows:

SHOW GARDEN LABEL

(Length 7 in., width of marking space 2 1/8 in.)

12 Labels	\$1.25
25 "	2.50
100 "	9.50

TIE-ON LABEL

(Length 3 1/2 in., width 3/4 in. Sturdy copper wires in convenient bundles ready bent for attaching.)

100 Labels in box.....\$3.00

POT LABEL

(Length 4 in., width 3/4 in. at wide end.)

100 Labels in box.....\$2.50

BORDER LABEL

(Length 5 in., width of marking space 2 in.)

12 Labels	\$1.00
25 "	2.00
100 "	7.75

ROCK GARDEN LABEL

(Length 4 in., width of marking space 1 3/4 in.)

12 Labels	\$0.90
25 "	1.75
100 "	6.75



Goodrich Garden Hose

Black Maxecon. This is the best lawn hose of the B. F. Goodrich Rubber Co., and is featured by them.

25 ft. length, 5/8 in.	\$3.15
50 ft. length, 5/8 in.	6.00
25 ft. length, 3/4 in.	3.50
50 ft. length, 3/4 in.	6.50

Garden Club (Black)

25 ft. length, 5/8 in.	\$2.65
50 ft. length, 5/8 in.	5.00

Signal Chocolate (Brown)

50 ft. length, 5/8 in.	\$3.75
25 ft. length, 3/4 in.	2.00

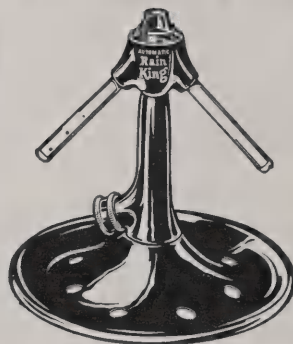
Roston Spray Nozzle for Garden Hose. Price, 75c. Postpaid, 80c.

Niagara Spray Hose (Green). 1/2 inch, for power spraying. Up to 800-lb. pressure. 32c per foot not coupled; 100-ft. lengths not coupled, 30c per foot.

Milo Spray Hose. 1/2 inch, for low pressure. 15c per foot, not coupled.

Long Tail Couplings for Spray Hose, 65c per set.

Myers Sure-Grip Hose Clamps for Power Spray Hose, 30c each.



Rain King
THE BEST SPRINKLERS MADE

LAWN SPRINKLERS

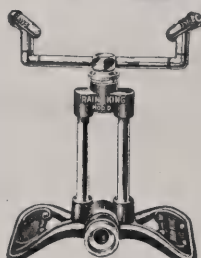
The New Rain King Automatic Model K

The Sprinkler Sensation for 1941

A turn of the control button sets this amazing new Rain King for any desired area 5 to 50 feet in diameter. It then automatically sprinkles that area. All exposed parts are chromium plated. Rich, red plastic control button, green upright and base. Height 10 inches. Mailing weight 5 lbs. Price, \$4.75.

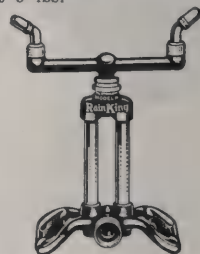
Model D Rain King

Double nozzles, each a sprinkler in itself. Easily adjusted for distance, direction, volume. Throws any kind of spray. Columns, arms, nozzles, coupling solid brass. Balance rich red enamel. Bronze bearings. Price, \$2.85 each. Mailing weight 5 lbs.



Model H Rain King Chrome-Plated

A large sprinkler—11 1/4 in. tall—with nozzles, lock wheel, uprights, coupling solid brass CHROMIUM PLATED. New type nozzles do not reduce volume of water when set for fine spray. Price, \$3.75 each. Mailing weight 5 lbs.



Model G2 Rain King

An entirely new type, slow revolving sprinkler—a golf course sprinkler for the home. Spinning eccentric prevents stalling, permits slow turning. Steel disc base. Solid brass coupling, upright, arm, nozzle. Bronze bearings. Rich green enamel finish. Price, \$3.95 each. Mailing weight 6 lbs.

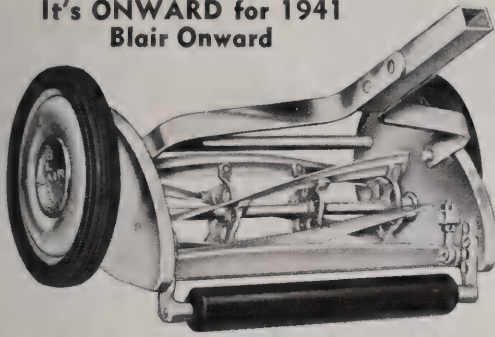
Rain King CHROMIUM Nozzle

One-piece construction, machined from solid brass. Full chromium plate—tarnish-proof. 2-color counter display card packed with each lot. The market's fastest selling nozzle. Price, each 65c. Postpaid, 70c.



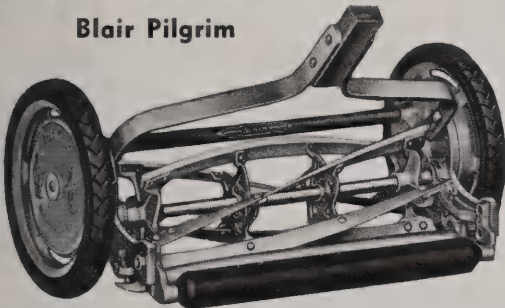
Hand Lawn Mowers

It's ONWARD for 1941 Blair Onward



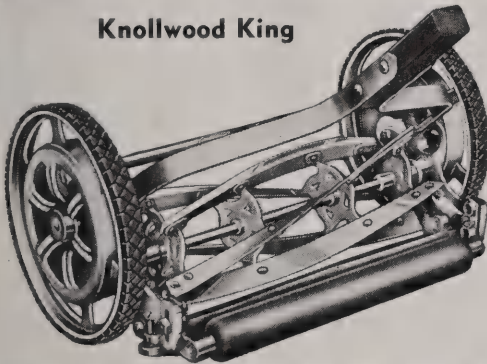
Streamlined—quiet—pressed steel green baked enamel finish. Oiled for life. Chrysler Olite wheel bearings. Reel ball bearings sealed in grease. Wide range in height of cut. Four-hole malleable brackets give range of ½ inch to 1¼ inches. Steel tube handle shaft. Ten-inch wheels. Five drawcut blades. Semi-pneumatic tires. 16 inch, \$14.95; 18 inch, \$15.95.

Blair Pilgrim



Ivory and red baked enamel finish. Eleven-inch semi-pneumatic tired wheels. Five drawcut blades, ball bearing, rubber covered tie-rod and rubberized roller on ball bearings. The Pilgrim is an outstanding mower. 14 inch, \$10.75; 16 inch, \$10.95; 18 inch, \$11.95; 20 inch, \$12.75.

Knollwood King

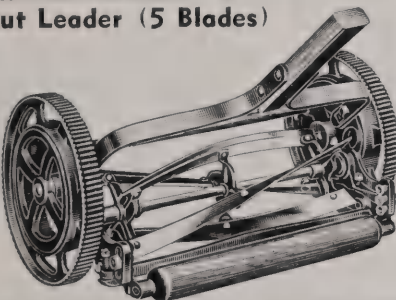


Blue baked enamel finish. Ten-inch rubber-tired wheels. Five drawcut blades. Fafnir ball bearings used in this mower are designed especially. A real value. 14 inch, \$8.25; 16 inch, \$8.65; 18 inch, \$9.00.

Blair Drawcut Leader (5 Blades)

Ten-inch wheels. Five drawcut blades. Automatically adjusted ball bearings. Gold and red trim finish.

14 inch ... \$5.75
16 inch ... 5.95
18 inch ... 6.65



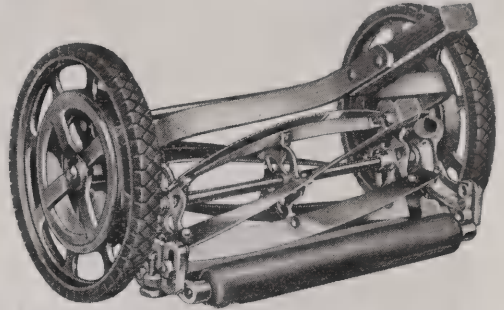
Blair Drawcut Leader (4 Blades)

(Not shown.)

Same as 5-blade machine. 14 inch, \$5.45; 16 inch, \$5.75; 18 inch, \$6.25.

Blair Special

The most outstanding low-priced rubber-tired mower for 1941.



Red baked enamel finish. Ten-inch rubber-tired wheels. Five drawcut blades. Ball bearing. 14 inch, \$6.35; 16 inch, \$6.50; 18 inch, \$7.00.

Blair Universal Lawn Trimmer

6 inch, cut price \$5.75

The Capital Lawn Trimmer

Price, plain \$6.95
Complete with edger 7.95

Worcester Lawn Mowers

A Complete New Line

Four outstanding rubber-tired lawn mowers:

The Worcester Shear. 16 inch, \$23.95; 18 inch, \$24.95.
The Worcester Master. Successor to the Quiet-Mo De-Luxe. 16 inch, \$15.95; 18 inch, \$16.95.
The Worcester Lawn Tender. 14 inch, \$12.25; 16 inch, \$12.95; 18 inch, \$13.50.
The Worcester Clipster. 14 inch, \$8.35; 16 inch, \$8.50; 18 inch, \$8.75.

Worcester Lawn Trimmer. 10-inch cut with 8-inch rubber-tired wheel, \$9.95.

Send for complete circular showing these new Worcester mowers.

Easy Emptying Grass Catchers

Galvanized sheet-steel bottom, heavy white duck sides.

No. 10G. For 12- to 18-inch mowers. 8-oz. duck (round bottom), \$1.50.

No. 12G. For 18- to 22-inch mowers. 8-oz. duck (round bottom), \$2.00.

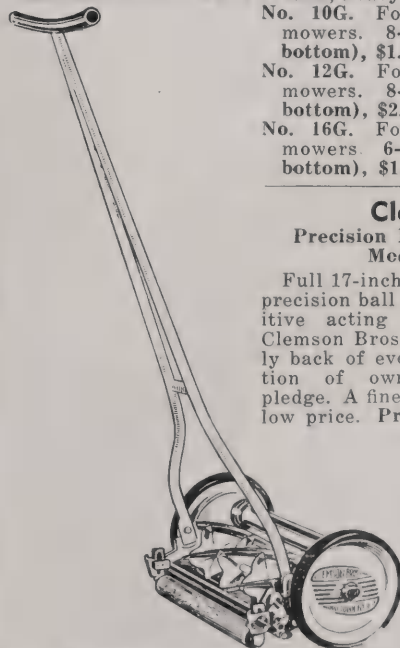
No. 16G. For 12- to 17-inch mowers. 6-oz. duck (square bottom), \$1.00.

Clemson

Precision Lawn Machine, Model C17

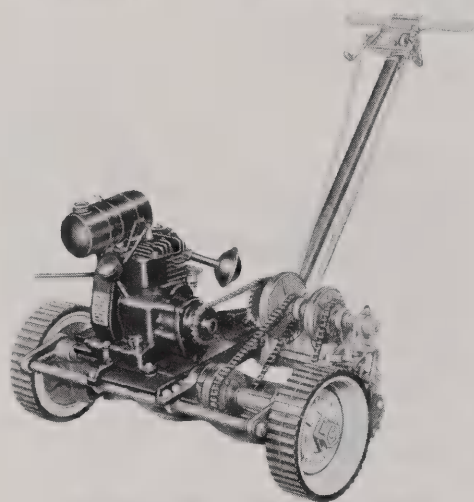
Full 17-inch cut; 5-blade reel; precision ball bearing; new positive acting clutch assembly. Clemson Bros., Inc., stand firmly back of every C17. Satisfaction of ownership is their pledge. A fine machine at a new low price. Price, \$24.50.

Special Model C17 Grass Catcher. Made especially for this mower. Price, \$2.25.



Power Lawn Mowers and Garden Implements

STEARNS POWER LAWN MOWERS New Lower Priced Models for 1941



MODEL 524-ST. (Illustrated.)
Solid Rubber Tires, 11"x3". Price, \$159.00.

MODEL 524-PT
Goodyear Pneu. Tires, 12"x3.50". Price, \$171.50.

SPECIFICATIONS

Cylinder	5 blades
Briggs & Stratton Engine Model	*NP-1½ h.p.
Width of Cut	24 inch
Height of Cut	½" to 1½"
Speed—M.P.H.	1 to 4
Net Weight	240 lbs.
Shipping Weight	315 lbs.

*The Model NP engine used on Model 524-ST and PT, is equipped with a Special Reduction Gear.

MODEL—	218A-ST	518-ST	521-ST
Solid Rubber Tires ..	10"x1¾"	10½"x2¼"	10½"x2¼"
Price	\$75.50	\$94.50	\$116.00
MODEL—	218A-PT	518-PT	521-PT
Goodyear Pneu. Tires	10"x2.50"	10"x3.00"	10"x3.00"
Price	\$83.50	\$103.50	\$125.00

SPECIFICATIONS—

Cylinder	5 blades	5 blades	5 blades
Briggs & Stratton Engine Model ..	W1-¾ h.p.	*1-1¼ h.p.	*1-1¼ h.p.
Width of Cut	18 inch	18 inch	21 inch
Height of Cut ...	½" to 1½"	½" to 1½"	½" to 1½"
Speed, M.P.H.	1 to 4	1 to 4	1 to 4
Net Weight	125 lbs.	155 lbs.	170 lbs.
Shipping Weight ..	155 lbs.	200 lbs.	225 lbs.

*The Model I engine used on Models 518-ST and PT, and 521-ST and PT, is equipped with a Special Reduction Gear.

MODEL—	181A-ST	221-ST	421-ST
Solid Rubber Tires ..	10"x1¾"	10"x1¾"	10"x1¾"
Price	\$67.50	\$77.50	\$87.50
MODEL—	181A-PT	221-PT	421-PT
Goodyear Pneu. Tires	10"x2.50"	10"x2.50"	10"x2.50"
Price	\$75.50	\$85.50	\$95.50

SPECIFICATIONS—

Cylinder	5 blades	5 blades	5 blades
Briggs & Stratton Engine Model ..	W1-¾ h.p.	W1-¾ h.p.	1-1¼ h.p.
Width of Cut	18 inch	21 inch	21 inch
Height of Cut ...	½" to 1½"	½" to 1½"	½" to 1½"
Speed—M.P.H.	1 to 4	1 to 4	1 to 4
Net Weight	125 lbs.	130 lbs.	135 lbs.
Shipping Weight ..	160 lbs.	170 lbs.	165 lbs.

Seven other models not listed. Send for complete list.

Masters "HANDI-CART"



With a Master's "Handi-Cart" garden work is really a pleasure. New and greater convenience for the 101 odd jobs around the home, garden, garage, yard. Built extra strong to stand overloading and abuse. Sturdily supported sheet metal body, solid steel axle, 10-in. disc wheels, rubber tires. Perfect balance makes handling easy.

No. 1. Two cubic ft. capacity. Shipping weight, 24 lbs. Price, \$4.75.

No. 2. Three cubic ft. capacity. Shipping weight, 30 lbs. Price, \$6.75.

Either car with 11-in. wheels and 1½-in. puncture-proof semi-pneumatic tires, \$1.50 extra.



Sod Spiker

Sod Spiker

Let the Sod Spiker help to keep your lawn a thing of beauty. A real lawn tool. Cultivate the soil beneath your lawn to receive the needed soil foods such as water, fertilizers, peat, etc. Gives new life to your old land. Scientific aeration makes lawns green. (Send for circular giving instructions.) Price, \$1.75.

Salem Spreaders

Salem Spreaders for lawns, gardens, parks and golf courses. Heavy disc wheels. Salem Spreaders have two shut-off controls. Baked enamel finish.

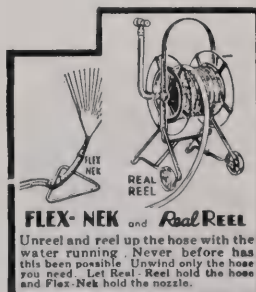
Salem 16-in. Spreader. Spreading width, 18 inches; hopper capacity, 22 pounds; wheel diameter, 8 inches; shipping wt., 13 lbs. Price, \$3.45.

Salem 20-in. Spreader. Spreading width, 22 inches; hopper capacity, 40 lbs; wheels have 1¼-in. tread, 12 inches in diameter; shipping weight, 19 lbs. Price, \$6.95.

Salem 30-in. Spreader. Spreading width, 30 inches; hopper capacity, 80 lbs.; wheels have 2½-in. tread, 12 inches in diameter; shipping weight, 35 lbs. Price, \$13.95.

Salem Heavy-Duty 36-in. Spreader. Spreading width, 36 inches; capacity, 125 lbs. of fertilizer or other material. The wheels are 18 inches in diameter with 2½-in. tread. Shipping weight, 80 lbs. Price, \$19.35.

The Real Reel



FLEX-NEK and Real REEL

Unreel and reel up the hose with the water running. Never before has this been possible. Unwind only the hose you need. Let Real Reel hold the hose and Flex-Nek hold the nozzle.

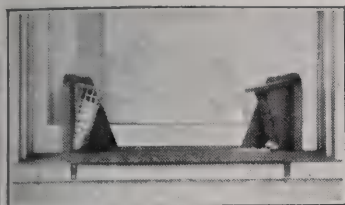
The only portable reel permitting water to run through hose on reel. Finish green and black. Holds 125 ft., ¾-in. hose. All Steel and Brass. Shipping weight, 25 lbs.

The Real Reel. Price.....\$5.95

Fitted 6-ft. Hose89

DeLux Flex-Nek75

Bird Houses, Baskets and Flower Pots



No. 111



No. 110

BISHOP'S BIRD HOUSES

No. 111. Window Feeder. Shipping weight 10 lbs. Price \$3.00.
No. 117. Six Way Feeder. Shipping weight 6 lbs. Price \$2.50.
No. 116. Seed Feeder. Shipping weight, 3 lbs. Price, 85c.
No. 110. Combination Shelter. Shipping weight, 6 lbs. Price, \$2.25.
No. 81. Bluebird House. Shipping weight, 5 lbs. Price, \$1.00.
No. 3. Robin Shelter. Shipping weight, 6 lbs. Price, \$1.85.
No. 108. Weathervane Feeder. Shipping weight, 12 lbs. Price, \$5.50.

Many other Feeders and Houses. Send for complete booklet. Complete stock of Bird Suet Cakes, etc. Also get prices on Ross' Wild Bird Food Mixture.

Standard Pots, Pans and Saucers

Inside measurements, width and depth equal.

	POTS			SAUCERS			BOTH		
	Ea.	Doz.	100	Ea.	Doz.	100	Ea.	Doz.	100
3 in.	\$0.05	\$0.35	\$2.50	\$0.05	\$0.30	\$2.35	\$3.08	\$0.60	\$4.35
4 in.	.07	.55	4.00	.05	.35	2.95	.10	.80	6.25
5 in.	.10	.95	7.00	.05	.50	3.90	.13	1.25	9.85
6 in.	.12	1.25	10.00	.07	.70	5.85	.17	1.75	14.00
7 in.	.20	2.25	17.50	.10	.95	7.80	.25	2.75	22.00
8 in.	.30	3.25	25.00	.12	1.25	10.72	.37	4.00	32.00
9 in.	.40	4.25		.18	1.80		.52	5.50	
10 in.	.60	6.25		.20	2.25		.75	7.50	
11 in.	1.00			.25			1.15		
12 in.	1.25			.28			1.35		
13 in.	1.35			.35			1.55		
14 in.	1.75			.45			2.00		

Positively no flower pots or saucers sent parcel post.

Bulb Pans

	Each	Doz.	100
6 in.	\$0.15	\$1.50	\$10.50
7 in.	.25	2.25	17.50
8 in.	.35	3.50	25.00
9 in.	.50	5.00	39.00
10 in.	.60	6.00	52.00
12 in.	1.00		
14 in.	1.75		

Neponset Red Paper Flower Pots



These pots are nested and packed in cases of 1000 each, except 4-, 5-, and 6-inch sizes, which are put up in cases of 500 each.

	Wt. per 1000 pots	Per 100	Per 1000
2 1/4 in. pots	12	\$0.50	\$ 3.40
2 1/2 in. pots	16	.55	3.60
3 in. pots	24	.65	4.40
3 1/2 in. pots	34	.80	5.40
4 in. pots	46	.95	6.80
5 in. pots	74	1.15	9.20
6 in. pots	102	1.55	12.50

Neponset Green Paper Flower Pots

Neponset Green Pots are especially adapted for growing. Every grower can reduce his growing, transplanting, storage and shipping costs by using these pots. Packed same as Red Pots.



	Wt. per 1000 pots	Per 100	Per 1000
2 1/2 in. pots	22	\$0.75	\$ 6.50
3 in. pots	28	.90	7.85
3 1/2 in. pots	39	1.10	10.25
4 in. pots	52	1.30	12.00
5 in. pots	88	1.75	16.50

Strapped Bushel Basket

Size	Price
4 bushel	\$3.25
3 bu hel	2.75
2 bushel	2.00
1 1/2 bushel	1.60
1 bushel	1.35



Woven Picking Basket

Size	Price
1/2 bushel, drop bail	\$0.75
1/4 bushel	.65

Diamond Market Basket

A cheap, all around basket; good for everything; indispensable in every household. 15c each; \$1.65 per doz.

Covered Lunch Baskets

No.	Dimensions	Price
1	9 1/2" x 6" x 5"	\$0.65
2	11" x 6 1/2" x 6"	.75
3	11 1/2" x 7" x 6 1/2"	.80
4	14" x 8 1/2" x 6 1/2"	.90
5	15 1/2" x 9" x 7 1/2"	1.05
6	17" x 10" x 8"	1.20

Baskets

VERBENA AND PANSY BASKET

With Wire Handle.

Used largely for pansies. \$21.00 per 1000; \$2.35 per 100. Postage extra, 30c per 100.

FOUR-QUART VIRGINIA TILLS

For roadside container. \$22.00 per 1000; \$2.35 per 100. Postage extra, 50c per 100.

THREE-QUART VIRGINIA TILLS

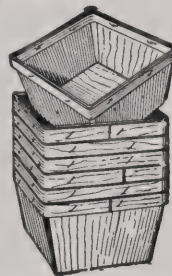
\$19.00 per 1000; \$2.00 per 100. Postage extra, 35c per 100.

TWO-QUART MISSISSIPPI TILLS

\$17.00 per 1000; \$1.90 per 100. Postage extra, 35c per 100.

One Quart All Wood Berry Baskets

	1000
Utility Brand	\$7.25
Tight Corner (For Blueberries)	9.00
Oval Pints	7.25
All of the above, 90c per 100. Add 25c per 100 for postage.	



Metal Rim One Quart Berry Baskets

Price	100	1000
	\$1.00	\$8.00
Add 25c per 100 for postage.		

Oxford Oak Basket

	Each
1 bushel	\$1.00
1/2 bushel, drop handle	.75
1/4 bushel, drop handle	.65
A very serviceable basket, and the 1/2 bushel is the best basket for picking peaches, as it does not bruise the fruit.	

Wet Wash Clothes Basket

No.	Dimensions	Price
2	26"x16"x9"	\$1.55
3	28"x18"x10"	1.75
4	30"x20"x10"	2.00
5	32"x20"x10"	2.40

Standard Fruit Baskets



	100	1000
4 quart	\$4.75	\$45.00
8 quart	5.25	50.00
16 quart	6.00	55.00
4 qt. Veneer Bot.	4.00	35.00
8 qt. Veneer Bot.	4.50	40.00

Bale Handle Market Baskets

No.	Size	Dimensions	Price
1	1 pk.	18"x10"x6"	\$1.00
2	1/4 bu.	20"x12"x6 1/2"	1.10
3	3/8 bu.	23"x13"x7"	1.15
4	1 bu.	24"x15"x7 1/2"	1.35
5	1 1/2 bu.	25"x16"x8"	1.50

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Barn Equipment	77, 85	Dibbles	91	Kow Kare	85			Spreaders, Lawn	76, 96		
Baskets	97	Diggers, Potato	71			Raffia	25	Spreaders, Manure	71		
Belting	77	Distributors		Labels, Plant	94	Rakes	91	Sprinklers	93, 94		
Binders, Corn	77	Fertilizer	72	Ladders	90	Rakes, Horse	72, 73	Stanchions	85		
Bird Houses	97	Dusters	70	Lime	65	Reels, Hose	90, 96	Sticks, Plant	94		
B-K Solution	82, 87	Dusting Materials	69	Loader, Hay	72	Reels, Garden	91	Stim-U-Plant	65		
Boat Head	93			Loma	65	Remedies, Conkey's	81	Strainers, Can	86		
Boats, Stone	93	Edgers, Turf	91			Remedies, Cow	85	Supports, Tomato	94		
Border, Flower Bed	84	Engines	77	Markers	74	Remedies, Dr. Hess	81				
Bottles, Milk	87			Mat, Hotbed	90	Remedies, Pratt's	81	Tampers	92		
Bovung	65	Feeders, Bird	97	Milkers	71	Repellent, Crow	67	Tanglefoot, Tree	68		
Bowls, Pigeon	81	Fence, Electric	84	Milorganite	66	Rollers, Land	74	Tedders, Hay	72		
Bowls, Watering	85, 86	Fencing	83, 84	Molds, Butter	87	Rollers, Lawn	74	Tethers	74		
Brooders	79, 82	Fertilizers	65, 66	Mowers, Lawn	95	Rope	77	Ties, Bale	83		
Brooms, Push	91	Flex-O-Glass	78	Mowers, McCormick	72			Ties, Cow	91		
Brushes, Bottle	87	Forks	77, 91	Mowers, Power		Salt, Brick and	85	Tobacco Dust	65, 81		
Burners, Rubbish	90	Freezers	87	Lawn	96	Holders	90	Tractors	71		
				Netting, Poultry	84	Saws	76, 90	Trellises	94		
Cans, Milk	86, 87	Garden Sets	91	Nod-O-Gen	4	Saw Bucks	90	Trimmers, Lawn	95		
Cans, Mixing	86	Gloves	82	Nozzles	88, 94	Saws, Tilting Table	76	Trowels	91		
Caps, Bottle	87	Grinders, Knife	71	Pails, Milk	86, 87	Scales	74, 85	Tubs, Plant	94		
Carbola	82	Grindstones	77	Peat Moss	65	Scales, Egg	78	Twine, Binder	77		
Carbolineum	68	Gun, Spray	89	Picks	93	Scrapers, Steel	93				
Cards, Cattle	91			Pickers, Fruit	91	Scrapers, Tree	91	Vigoro	66		
Carriers, Bottle	87	Halters	87	Plantabbs	66	Scythes	91				
Catchers, Grass	95	Handi-Carts	96	Planet Jr. Tools	75, 76	Sections, Knife	72	Wafers	80		
Cel-O-Glass	78	Hand Power Unit	92	Planters, Corn	72, 74	Semesan	68	Water Glass	81		
Chisel, Grafting	91	Hardware Cloth	73	Plant Ties	66	Separators	85	Wax, Grafting	68		
Churns	86, 87	Harrows	71, 72, 73	Plows	73	Shears, Grass	91	Weaners, Calf	86		
Cleaner, Wyandotte	85	Hoes	91	Plows, Tractor	71	Shears, Hedge	92	Weeders	91, 92		
Clippers	86	Hooks, Cant	91	Points, Glazing	94	Shears, Pruning	92	Weeders, Magic	92		
Coolers, Milk	73, 86	Hooks, Corn	93	Posts, Fence	83, 84	Shovels	93	Weed Killer	68, 69		
Controllers, Electric		Hooks, Grass	91	Posts, Flower	97	Silo	77	Wheelbarrows	93		
Fence	84	Hose, Garden	94			Snarol	67	Wire, Barb	83		
Cultivators	73, 76					Snaths	91				
Curry Combs	87					Sod Spiker	96	Yarn, Tarred Lath	77		

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